

SEQUENCE LISTING

<110> Sudduth-Klinger, Julie
Escobedo, Jaime
Reinhard, Christoph
Randazzo, Filippo
Lamson, George
Garcia, Pablo
Kaufmann, Joerg
Kennedy, Giulia

<120> GENE PRODUCTS DIFFERENTIALLY EXPRESSED
IN CANCEROUS COLON CELLS

<130> 2300-15805CON

<140> Unassigned

<141> 2003-07-09

<150> 09/872,850

<151> 2001-06-01

<150> 60/208,871

<151> 2000-06-02

<160> 321

<170> FastSEQ for Windows Version 4.0

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<211> 300

<212> DNA

<213> Homo sapiens

<400> 1

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gaaactgatg	tgggtgtccaa	cactagtggg	tccgccaggg	tcaagctggg	tcacacagac	180
atcttggtgg	gagtgaagc	agaaatgggg	acgccgaagc	tggagaaacc	aaatgaaggc	240
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<212> DNA

<213> Homo sapiens

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<222> (1)...(760)

<223> n = A,T,C or G

<400> 2

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gcaactcttg	cacccccacc	ccacggacgt	gttgcaagtga	tatcagaatt	ttgcgtgcgg	180
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agactgatct	attttaacac	tggtgggggg	cagcgaggat	ggacagattc	ctggtgaaag	300
gggctcaagg	gggccttttg	aggaagcagg	atgagcanga	gccaactgga	gaagagccag	360

ctgtgttggg	aggagacaaa	naaagcacia	ngaanaggcc	catgaganag	ccccagggaa	420
tggangccac	tcancaagcc	ctagctggcg	gnacattcgg	ncttagggcc	tggactgcag	480
ttacacagtn	ctgttttgca	aagctgaggc	anatgagatt	ttccaagagt	tggagaaaga	540
agtagaatat	tttacaggag	cactggccan	agtccangta	ttcnggaagt	ggcacantnt	600
gccaggaag	cangccaacg	tattggcgac	gcttgggctg	aactacacat	tttcangcct	660
tacgctgtct	tccaaagccc	tgggatccca	anttcttaga	accccantcc	nggatcaacc	720
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gtgcatggcg	tccaggaaga	cctccgtgtg	gatggccgtg	gctgtgagga	ctaccgatgt	180
gtcgaagtgg	aaactgatgt	ggtgtccaac	actagtgggt	ccgccagggt	caagctgggt	240
cacacagaca	tcttggtggg	agtgaaagca	naaatgggga	cgccgaagct	ggagaaacca	300
aatgaaggct	acttggagtt	ctttgttgac	tggtcagcca	gtgctacccc	tgaatttgaa	360
ggtagaggag	gtgatgacct	tggcacggag	atcgctaaca	ccctctatcg	gatatttaac	420
aataaaagca	gtgtcgactt	aaagaccctc	tgcattagtc	ctngggagca	ctgctgggtt	480
ctctatgtgg	atgtgctgct	tctggaatgt	ggtggaaatt	tgttttgatg	ccatttccat	540
tgctgtaaan	gctgctctct	tcaatacaag	ggataccaaa	gggttcgagt	ttttggaagg	600
atgaanangg	gtctaaggan	catttgaatt	gtccagatga	cccttatgac	tgcattacnn	660
actaaantgt	gggaagaatg	tcccctggca	ttgnnacttt	tgttgcaaag	anttggcttt	720
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<210> 4
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 4						
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gggtgacaag	ttcaagctca	acaagtcaga	actaaaggag	ctgctgaccc	gggagctgcc	180
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 <212> DNA
 <213> Homo sapiens

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 <222> (1)...(149)
 <223> n = A,T,C or G

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ttcgtcagtg	cgggggtttgc	atctttttga				149

<210> 6

<211> 224
 <212> DNA
 <213> Homo sapiens

<400> 6
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 gtgagtggtg cactgacagt gcttatgaag gacgcaatca agcccaatct catgcagaca 120
 ctggagggca ctccagtgtt tgtccatgct ggcccgtttg ccaacatcgc acatggcaat 180
 tcctccatca ttgcagacca gatcgactc aagcttggtg gcc 224

<210> 7
 <211> 259
 <212> DNA
 <213> Homo sapiens

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 tctgaagaga gagattgggg actatatcag gacaggtttc attaattctt acaagccctc 180
 taaccctct tcccatgagg tggtagcctg gattcgacgg atacttcggg tggagaagac 240
 agggcacagt ggtactctg 259

<210> 8
 <211> 281
 <212> DNA
 <213> Homo sapiens

<400> 8
 gcctgaagca gcctgcggac tgtctggatg gactgtatgc cttgatgtcg cgggtgctggg 60
 agctaaatcc ccaggaccgg ccaagtttta cagagctgcg ggaagatttg gagaacacac 120
 tgaaggcctt gcctcctgcc caggagcctg acgaaatcct ctatgtcaac atggatgagg 180
 gtggagggtta tctgaacccc cctggagctg caggaggagc tgacccccca acccagccag 240
 accctaagga ttctgtagc tgcctcatgc ggctgaggtc c 281

<210> 9
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 9
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 gcaggatggc ccacaagcag atctactact cggacaagta cttcgacgaa cactacgagt 120
 accggcatgt tatgttacct agagaacttt ccaaacaagt acctaaaact catctgatgt 180
 ctgaagagga gtggaggaga cttggtgtcc aacagagtct aggctgggtt cattacatga 240
 ttcattgagcc agaaccacat attcttctct ttagacgacc tc 282

<210> 10
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 10
 gcgagcagga ctagcccagg ccgagtggac ctcccaggat caagcaccac tcttaciaaag 60
 tctttcacta gctcttctcc ttcttcccca tcaagagcaa aagaccgtga gtcccctaga 120
 agttactcat ccactttgac tgacatgggg agaagtgcac caagggaaag aagaggaact 180
 ccagaaaaag agaaattgcc tgcaaaagct gtttatgatt ttaaggctca gacatctaag 240
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<210> 11
 <211> 239

<212> DNA
 <213> Homo sapiens

 <220>
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 <222> (1)...(239)
 <223> n = A,T,C or G

 <400> 11
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 ggccttgagg gccaggctga ttggggggca gattgacata ggcccantc atcagatgtc 180
 tgaaattcan cacgggggta acntgggggg ttagggacta tttttaaant aggggtggc 239

 <210> 12
 <211> 160
 <212> DNA
 <213> Homo sapiens

 <400> 12
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 tgacaaccag gaagggtttg gattttgagg ccaaaaacca gcacaccctg tacgttgaag 120
 tgaccaacga ggcccctttt gtgctgaagc tcccaacctc 160

 <210> 13
 <211> 260
 <212> DNA
 <213> Homo sapiens

 <220>
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 <222> (1)...(260)
 <223> n = A,T,C or G

 <400> 13
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 aagcagctaa gaacagttag gaggaggaag aagaaaagaa aaaggcggca gtggtagttt 120
 ccaaatcagg ttcatataag aagcggaagc agaatgaggc tgccaaggag gcagagactc 180
 ctgaggccaa gaagataaag cttcagaccc ctaacacatt tccnnaaagg nngaaaggag 240
 aaaaaagggc atcatcccc 260

 <210> 14
 <211> 264
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(264)
 <223> n = A,T,C or G

 <400> 14
 aacaaattga aggttaacac cttaagagtt gtagttactg accagaaata tggacagact 60
 tcttagactt ggaggaggta tgcctggact gggccagggg ccacctacag atgcnctgc 120
 agtggacaca gcagaacaag ncnatatctc ttccctggca ctgnaanaa tgttaaaaca 180
 tggcgtgct ggagttccaa tggaagttat gggnttgang cttggagaat ttgntganga 240
 ttataccgtc ngagtnatng nngt 264

 <210> 15
 <211> 259

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(259)
<223> n = A,T,C or G

<400> 15
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agctgatcga gatggagatg gagaggtcag tgagcaagag ttcctgcgca natgaaaaag      120
accagcctct attaagatca gtgtcttctt tttctactgc aagcacatgt aactagattt      180
agtgcctgcc atgggtgtgaa atctggcttt tgagaacaca aacttttccc ccacggacct      240
ccctttatca ctttaatag                                     259

<210> 16
<211> 233
<212> DNA
<213> Homo sapiens

<400> 16
gctgcccact gcaaaaaacc gaatcttcag gtcttcctgg ggaagcataa ccttcggcaa      60
agggagagtt cccaggagca gagttctgtt gtccgggctg tgatccaccc tgactatgat      120
gccgccagcc atgaccagga catcatgctg ttgcgcctgg cacgcccagc caaactctct      180
gaatcatcc agccccttcc cctggagagg gactgctcag ccaacaccac cag              233

<210> 17
<211> 188
<212> DNA
<213> Homo sapiens

<400> 17
aaggcccgtg agcagctcat ctgcgagtgt ggcctctttg acaaggccaa cgccacaggg      60
ggcggtgggc acgtgcagat ggtgcagagg gccatgaagg acctgacctg tgcctccctg      120
tgctttcccg aggccatcaa ggcccggggc atggagagca aagaagacat cccctactac      180
ttctaccg                                     188

<210> 18
<211> 200
<212> DNA
<213> Homo sapiens

<400> 18
gtagcagtca caccctagcc actgctggga ccttgtgttc cccaagagta tctgattcct      60
ctgctgtccc tgccaggagc tgaagggtgg gaacaacaaa ggcaatgggtg aaaagagatt      120
aggaaccccc cagcctgttt ccattctctg ccagcagtc tcttaccttc cctgatcttt      180
gcagggtggt ccgtgtaa                                    200

<210> 19
<211> 647
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(647)
<223> n = A,T,C or G

<400> 19
gcggcctacg gctgcgagaa gacgacagaa gggagttgca gctgatatga atgaatgctg      60

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caagagagat	atcaacagaa	ggagagccat	gcgtactttc	taaaaactga	tggtgaaaag	240
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ttgcaactga	aatatgatgg	atatgcttaa	gtacaactga	tggcatgaaa	aaaatcaaat	360
ttttgattta	ttataaatga	atgttgtccc	tgaacttagc	taaatgggtgc	aacttagttt	420
ctccttgctt	tcatattatc	gaattcgaat	ttcctggctt	ataaactttt	taaattacat	480
ttgaaatata	aaccaaata	aatattttac	tgataagatt	cttcatgctt	ctttgctctc	540
cttaaaatgt	ctttttcact	agttagttcc	aagggacagn	ctcataattt	tggctctata	600
ctttgatttc	ctttttcttt	ttttttttta	aaaaaagggg	gggganc		647

<210> 20

<211> 218

<212> DNA

<213> Homo sapiens

<400> 20

tgattggtgt	ggggaagctg	ttgcgtgtct	atgacctggg	aaagaagaag	ttactccgaa	60
aatgtgagaa	taagcatatt	gccaatata	tctctgggat	ccagactatc	ggacataggg	120
taattgtatc	tgatgtccaa	gaaagtttca	tctgggttcg	ctacaagcgt	aatgaaaacc	180
agcttatcat	ctttgctgat	gatacctacc	cccgatgg			218

<210> 21

<211> 207

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 21

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cctgggccgg	ggtggangga	gggggataaa	cctaaggccc	tgatccaaag	cagcctgttg	120
agctggttct	ccagggctgc	agtctctcca	ggtgtacagc	tgctgtccct	gcctgtcct	180
gtccttgcac	agtctcctat	gtctgag				207

<210> 22

<211> 204

<212> DNA

<213> Homo sapiens

<400> 22

cccagcaac	gcactgctgc	agcttccttg	agcctttcca	gcaagtttgt	tcaagattgg	60
ctgtcaagaa	tcatggactg	ttattatatg	ccttgttttc	tgtcaagaca	ccatgattcc	120
tggttaaccga	atgctgatgg	tcgttttatt	atgccaagtc	ctgctaggag	gcgcgagcca	180
tgctagtttg	atacctgaga	cggg				204

<210> 23

<211> 224

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(224)

<223> n = A,T,C or G

<400> 23

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antgggtgta	ctcccacgac	ggcgtgtccc	tccatgagct	gctggccgca	gagctcacta	120
aagccttaaa	aaccaaactg	gacttgtctt	ccttggccta	ttccggaaaa	gatgcttgat	180
gcccagccc	gtttaaagnc	attaaaagta	tnaggccagn	cccc		224

<210> 24
 <211> 228
 <212> DNA
 <213> Homo sapiens

aaagatgttt	atatcttttg	aagttttaca	taaatcaaag	gaagaaagca	cattttaa	60
gagaaactaa	gaccaatttc	tgtttttaag	aggaaaaaga	atgattgatg	tatcctaagt	120
attgttattt	gttgtctttt	tttgctgcct	tgcttgagtt	gcttgtgact	gatcttttga	180
ggctgtcatc	atggctaggg	ttcttttatg	tatgtttaa	taaaacct		228

<210> 25
 <211> 234
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(234)
 <223> n = A,T,C or G

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aaggtccac	atttgaccaa	ggagtgcctg	gtagcgttga	gatgtgggag	agaatgcact	120
gatctgaagg	cagccctgcg	tcaggcnattc	agcaacctgg	aagagattct	tgagtatcag	180
aacaccacct	tctttggtgg	aacctgtata	tccatgattg	attacctcct	ctgg	234

<210> 26
 <211> 239
 <212> DNA
 <213> Homo sapiens

cggctcgagg	cccagatgtg	gagtgccaga	tggtgcagaa	tactcactat	ttccaaatag	60
cccaaatgg	acttccaaag	tggtcaccta	caggatcgta	tcatatactc	gagacttacc	120
gcatattaca	gtggatcgat	tagtgtcaaa	ggctttaa	atgtggggca	aagagatccc	180
cctgcatttc	aggaaagt	tatggggaac	tgctgacatc	atgattggct	ttgcgcgag	239

<210> 27
 <211> 225
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

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ctgcactcag	aacagcacc	aggccagctc	aaggacaacg	tcagctctcc	tggtggggcc	120
accatccatg	ccttgcatgt	gctgganagt	gggggcttcc	gctccctgct	catcaacgct	180
gtggaggcct	cctgcacccg	cacacgggag	ctgcagtcca	tggt		225

<210> 28

<211> 200
 <212> DNA
 <213> Homo sapiens

<400> 28
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 aggcgtcacg gtggggaaca taggacgaca gttagctatg ggtgttctcg aaaagcccca 120
 tagtgattga gtcttcaaaa ccaccgattc tgagagcaag gaagattttg gaagaaaatc 180
 tgactgtgga ttatgacaaa 200

<210> 29
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 29
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 ggggtgggatg ccttgccagt gtgtcttact tggttgctga acatcttgcc acctccgagt 120
 gctttgtctc cactcagtac cttggatcag agctgctgag ttcaggatgc ctgcgtgt 178

<210> 30
 <211> 233
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(233)
 <223> n = A,T,C or G

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 ggggatacan ggggtgggggt nagggatgtc cctgtagatt agttccagaa tgggggtgtct 120
 gtatatactg tattaatagg catgtttgac tctcgtaaaag ggacgttagt agctgctgca 180
 ggtcctgttt ggaaacccca tgtacaattc ccagtttttt gtaagtgtca gng 233

<210> 31
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 31
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 aataatccag aatggctact ctgatctatg ttgataagga aaatggagaa ccaggcaccc 120
 gtgtggttgc taaggatggg ctgaagctgg ggtctggacc ttcaatcaaa gccttagatg 180
 ggagatctca agtttcaaca ccacgttttg gcaaaacgtt cgatgccccca ccagccttac 240
 ctaaagctac tagaaaggct ttgggaactg tcaacagagc tacagaaaag tctgtaaaga 300
 ccaagggacc cctcaaacaa aaacagccaa gcttttctgc caaaaagatg actgagaaga 360
 ctgttaaagc aaaaagctct gttcctgcct cagatgatgc ctatccagaa atagaaaaat 420
 tctttccctt caatcctcta gactttgaga gttttgacct gcctgaagag caccagattg 480
 cgcacctccc cttgagtggg gtgcctctca tgatccttga cgaggagaga gagcttgaaa 540
 agctgtttca gctgggcccc ccttcacctg tgaagatgcc ctctccacca tgggaatcca 600
 atctgttgca gtctncttca agcattctgt cnaccctgga tgttgaattg ccacctgttt 660
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<210> 32
<211> 315
<212> DNA
<213> Homo sapiens

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agcttttgctg aaataaaaca caagtatctc tggtcagagc ctcagaattg ctcagccacc      120
aaaagtaact acottcgagg tactgggtccc taccacacct cegtggactg gcggaaaaaa      180
ggaaattttg tctcacctgt gaaaaatcag ggtgcctgcg gcagttgctg gactttctcc      240
accactgggg ccctggagtc tgcgatcgcc atcgcaaccg gaaagatgct gtccttggcg      300
gaacagcagt ggtgg                                     315

<210> 33
<211> 275
<212> DNA
<213> Homo sapiens

<400> 33
ggagttgtac gaaggcctga ggctgaacaa catgaataaa tatgactacg tgctcacagg      60
ttatacgagg gacaagtcgt tcctggccat ggtggtggac attgtgcagg agctgaagca      120
gcagaacccc aggctggtgt acgtgtgtga tccagtcttg ggtgacaagt gggacggcga      180
aggctcgatg tacgtcccgg aggacctcct tcccgtctac aaagaaaaag tggtgccgct      240
tgacagacatt atcacgcca accagtttga ggccg                                     275

<210> 34
<211> 206
<212> DNA
<213> Homo sapiens

<400> 34
gggattcctg gtcatcatgc agctatcaag cccgctcctc cacaaaccga gcaagtagag      60
agcaagagga agtcaggggg aaatgaggtt agcattgagg aacgtctggg agcaatggat      120
atagacacac acaaaaaagg aaaggaagac ctccagacga atagctttcc agttcttctt      180
accaggggct tagaaagtaa cgattc                                     206

<210> 35
<211> 257
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(257)
<223> n = A,T,C or G

<400> 35
gagccaccac caccatagcc cagccagatg agtgctctgt ggaccacag cctaagctga      60
gtgtgacccc agangccacg atgtgctctg tatccagaac acacttggca gatggaggaa      120
gcatctgagt ttgagaccat ggctgttaca gggatcatgt aaacttgctg tttttgtttt      180
ttcctgccgg gtgttgtatg tgtggtgact tgcggattta tgtttcagtg tactggaaac      240
tttccatttt attcaag                                     257

<210> 36
<211> 235
<212> DNA
<213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 36
ctcgagccgg gattttctgt ttctcggaagt tgctgggttc gttttattca gcggcagtgg      60
tgctttcccg aatctcagaa tgctgtttaa aagatcactg aagttggang gtctgttaga      120
agaaaattca ttgatcctt caaaaatcac aaggaagaaa agtggtataa cttattctcc      180
aacaactgga acttgtcaaa tgagtctatt tgcttctccc acaagttctg aagag          235

<210> 37
<211> 277
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 37
ggagagtttg gggaagtgtg tcgagggacc ctgaggctcc ccagccagga ctgcaagact      60
gtggccatta agaccttaaa agacacatcc ccaggtggcc agtgggtggaa ttccttcgag      120
aggcaactat catgggccag tttagccacc cgcataattct gcactctggaa ggcgtcgtca      180
caaagcgaaa nccgatcatg atcatcacag aatttatgga gaatggagcc ctggatgcct      240
tcctgagggg gcgggaggac cagctggtcc ctggggca          277

<210> 38
<211> 291
<212> DNA
<213> Homo sapiens

<400> 38
cggagatctt caaaaaggag caccgggacc gcttcatcga gtgctacatt gctgagcaga      60
acatgcactt ttgcagcctt cttcacgcgg gcctttgacc agattcgcat ggccgccatc      120
tccgagagca acatcaacct ctgcggctcc cactgcggcg tttccatcgg ggaagacggg      180
ccctcccaga tggccctaga agatctggct atgtttcggg cagtcccccac atcaactgtc      240
ttttacccaa gtgatggcgt tgctacagag aaggcagtgg aatagccgcc a          291

<210> 39
<211> 211
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(211)
<223> n = A,T,C or G

<400> 39
tgagaggtcta aattacctcc aggggttttc tgggggttta tcaccagtgt gggtccttcc      60
tgataccacc aggttcactc caggncagag tggggcacia ggctgctgag gatatgggtc      120
agttacagca gccctcacct caaagggtcg gcctgcttct cagcctacat tcatttgcaa      180
gcttcaatct ctggaccatc tgggtttcac a          211

<210> 40
<211> 253
<212> DNA
<213> Homo sapiens

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<400> 40
 caaaggatga cgtgatactc aatgccttca gcaaatacaga gactagcaag ctgggaaaac 60
 aaagctcctg tgagggttagc ctactactct ctgaagacgg gaccacgccc aaatccaaga 120
 agactcaagc tggcctttcc ctttatcccc agaaacccag ttcctcaaag gacagtgagg 180
 acaccagcaa agagcccagc ctttctaccc agacgttacc tgtgatcaag tgctctgggc 240
 agacttcaag act 253

<210> 41
 <211> 271
 <212> DNA
 <213> Homo sapiens

<400> 41
 gccaaagagct ccatatattg ggtgtgagtt cagggttgccct ctcacaatga aggaagttgg 60
 tctttgtctg cagggtgggct gctgagggtc tgggatctgt tttctggaag tgtgcaggta 120
 taaacacacc ctctgtgctt gtgacaaact ggcaggtacc gtgctcattg ctaaccactg 180
 tctgtccctg aactcccaga accactacat ctggcttggg cagggtctgag ataaaacgat 240
 ctaaaggtag gcagaccctg gaccagcct c 271

<210> 42
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 42
 ctcccaagac ccagccgccc ccgttgaggg ctgagtcctt gctgtgggat gtgccagtgt 60
 cccaccaaac accaggaatt tagacctttt ccctgcacca ctctcttcat cctgggggct 120
 ctgttacact aatttgaata aactctcccc tttctttgca acttcccagc aacaataatg 180
 attttcttgc caggccgtct cttgctccct aattcatttc ccaggaagct gtgatacagg 240
 gtgaaataa 249

<210> 43
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 43
 acacaatact atgatcatat ttctaataca aaggaagaaa ttcgcagatg catacaagac 60
 tttttcaaga aacacataca gtacaaattc ttagatgaag acttttgtgt cgatatatac 120
 agagacagta gggggaaggt gtggctcatt gactttaatc catttggtga agtcacagat 180
 tcaactgtgt tcacctggga agaactgata tctgagaaca acttaaacgg cgattttagt 240
 gaagttgacg ctcaagagca ggattcccc 269

<210> 44
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 44
 ggacattgtg gacagcataa aaggagaatt atctgggcat tttgaagact tactgttggc 60
 catagttaat tgtgtgagga acacgccggc ctttttagcc gaaagactgc atcgagcctt 120
 gaagggtatt ggaactgatg agtttactct gaaccgaata atgggtgtcca gatcagaaat 180
 tgaccttttg gacattcgaa cagagttcaa gaagcattat ggctattccc tatattcagc 240
 aattaaatcg gatacttctg gagactatga aatcacactc ttaaaaaatct gtggtggaga 300
 tgactga 307

<210> 45
 <211> 254
 <212> DNA
 <213> Homo sapiens

<400> 45
atcaccacct ccctcccagc cccagcgcct cagccccagc cccagctcca gccctgagga 60
cagctctgat gggagagctg ggccccctga gcccaactgg tcttcagggg gcaactggaag 120
ctggtgttcg ctgtcccctg tgcactttct cacttggggc atggagtgcc catgcatact 180
ctgctgccgg tcccctcacc tgcacttgag gggctctgggc agtccctcct ctccccagtg 240
tccacagtca ctga 254

<210> 46
<211> 254
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(254)
<223> n = A,T,C or G

<400> 46
gttcagtaag ggacaaactg tccacccaag gaacagcctg gcgatctttt taatgaggac 60
tgggactcgg agttgaaagc agatcaaggg aanccatatg atgctgacga catccaggag 120
agcattttctc aagagcttaa accttggggtg tgctgtgccc cacaaggaga catgatctat 180
gaccccgagct ggcaaccatcc gcctccactg ataccctatt attccaagat ggtctttgaa 240
acaggacagt ttga 254

<210> 47
<211> 221
<212> DNA
<213> Homo sapiens

<400> 47
aagaggagca ggaaaatggc aaagcctatt gtgtgcttgt tactggacca aatatggggg 60
gcaagtctac gcttatgaga caggctggct tattagctgt aatggcccag atgggttgtt 120
acgtccctgc tgaagtgtgc aggctcacac caattgatag agtggtttact agacttggtg 180
cctcagacag aataatgtca ggtgaaagta cattttttgt t 221

<210> 48
<211> 123
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 48
ataccatcaa tagcattnac ctagacagaa ttcttctgga tatccacatt ttcatgaagg 60
tcttccccaa agagaaactg aagcaatgca aaagtgaatt tcccataagg accctaaaga 120
ccc 123

<210> 49
<211> 248
<212> DNA
<213> Homo sapiens

<400> 49
caaaggcctt cctggatgct ctgcagaacc aggctgaggc cagcagcaag atcatcgccc 60
agtttgaggt ggggtttctac tcagctttca tgggtgctga cagagtggag gtctattccc 120
gctcggcagc cccggggagc ctgggttacc agtggttttc agatgggttct ggagtgtttg 180

aaatcgccga agcttcggga gttagaaccg ggacaaaaat catcatccac ctgaaattgg 240
 actgcaag 248

<210> 50
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 50
 ggaaataatt taaagattta agctctggtg gatgattatc tgctaagtaa gtctgaaaat 60
 gtaatatattt gataatactg taataacctg cacacaaatg cttttctaata gttttaacct 120
 tgagtattgc agttgctgct ttgtacagag gttactgcaa taaaggaagt ggatcatt 178

<210> 51
 <211> 245
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(245)
 <223> n = A,T,C or G

<400> 51
 atttatattc tttagagtgtg agctttgaat agatggcatt atcactttat tgttttttta 60
 acaanaactt tttctcaatt attctattgc aatgttattc tgagcaagtc ctatgccaaa 120
 tatcttgtat aatgtttgta tggaagatta aattttactc ttgtgtggta agactatttc 180
 agttactgat tttatagttg gaatttgata ttccagcaca aagtcacacag tgtattcaga 240
 aatcc 245

<210> 52
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 52
 gtaaccacaa ttaagttggt gtagcccttg cacttcaaga gatctagtct ttactttcag 60
 ttgtctgtta ggtccattct gtttactaga cggatgttaa taaaaactat gcgagcctga 120
 atgaattctc agccaaattt agtcttgtct ctcatcttga ttggattaat tccaaattct 180
 aaaatgattc agtcacacaa agctctaggg gatgaagaat ttgccttact ttgccagtt 240
 cctaagactg t 251

<210> 53
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 53
 ccctaccaat gcccttttaa gtgctgcagg ggtctggggt tggcaactcc tgaggcctgc 60
 atgggtgact tcacattttc ctacctctcc ttctaattctc ttctagagca cctgctatcc 120
 ccaacttcta gacctgctcc aaactagtga ctaggataga atttgatccc ctaactcact 180
 gtctgcggtg ctcatgtctg ctaacagcat tgcctgtgct ctccctctcag gggcagcatg 240
 ctaacggggc gacgtcctaa tccaactg 268

<210> 54
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 54

gcgtcatgga	gctgacctgg	ttcccatcta	ctcctttgga	gagaatgaag	tgtacaagca	60
ggtgatcttc	gaggagggct	cctggggccg	atgggtccag	aagaagttcc	agaaatacat	120
tggtttcgcc	ccatgcatct	tccatggtcg	aggcctcttc	tcctccgaca	cctgggggct	180
ggtgcctact	ccaagcccat	caccactggt	gtgggagagc	ccatcaccat	ccccaagctg	240
gagcacca						248

<210> 55
 <211> 268
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(268)
 <223> n = A,T,C or G

aaaagacatt	tacaactagg	ccagggatta	gccactgtng	gaggggtggac	aggcaatggt	60
tcagtggcct	ggctgttgcc	aggaactcca	agtgcccgag	cctcttgggc	agcttagggc	120
cctgcctctg	tttcatgatg	catgggtcat	tgtcttgggt	gtcctatccc	atatggagaa	180
gaaagggggg	ctaaattctg	gcnccttctt	ctttggggnt	ctctgtacct	naggaaacca	240
ggcccngggg	gantttgcan	atctgctc				268

<210> 56
 <211> 168
 <212> DNA
 <213> Homo sapiens

aagatctagc	atgtggatth	taaaagatth	gccctcatta	acaagaataa	catttaaagg	60
agattgtttc	aaaatattth	tgcaaattga	gataaggaca	gaaagattga	gaaacattgt	120
atattttgca	aaaacaagat	gtttgtagct	gtttcagaga	gagtacgg		168

<210> 57
 <211> 287
 <212> DNA
 <213> Homo sapiens

gcaacaccca	aaggtggcct	gcggggagcc	atcacctagg	actgactcgg	cagtgtgcag	60
tggtgcatgc	actgtctcag	ccaaccgct	ccactaccgc	gcaggggtaca	cattcgccacc	120
cctacttcac	agaggaagaa	acctggaacc	agagggggcg	tgcttgccaa	gtcacacag	180
caggaactga	gccagaaacg	cagattgggc	tggtcttgaa	gccaagcctc	ttcttacttc	240
accgggctgg	gtcctcatt	tttacgggta	acagtgaggc	tggaag		287

<210> 58
 <211> 256
 <212> DNA
 <213> Homo sapiens

gcgggaaga	ccgtaattgt	ggctgcaactg	gatgggacct	tccagaggaa	gccatttggg	60
gccatcctga	acctggtgcc	gctggccgag	agcgtggtga	agctgacggc	ggtgtgcatg	120
gagtgtcttc	gggaagccgc	ctataccaag	aggctcggca	cagagaagga	ggtcgagggtg	180
attgggggag	cagacaagta	ccactccgtg	tgtcggctct	gctacttcaa	gaaggcctca	240
ggccagcctg	ccgggc					256

<210> 59
 <211> 216
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(216)

<223> n = A,T,C or G

<400> 59

atcctggg	cgc	acc	cagaagc	cct	gagagac	ctg	ctgaaca	acc	acatctt	gaagtcagct	60
atgtgtg	ctg	aag	ccatcgt	tgc	ggggctg	tct	gtagaga	ccct	ggaggg	cacgacactn	120
gaggtgg	gct	gcagc	gggga	cat	gctcact	atc	aacggga	agg	cgatcat	ctccaataaa	180
gacatcctag	ccaccaacgg	ggtgatccac	tacatt								216

<210> 60

<211> 252

<212> DNA

<213> Homo sapiens

<400> 60

attacaacgg	gctatacgg	g	aaaatcagt	aattatggat	gggatcagtc	agataagttt	60
gtgaaaatct	acattacctt	a	actggagtt	catcaagttc	ccactgagaa	tgtgcaggtg	120
catttcacag	agaggtcatt	t	gatcttttg	gtaaagaatc	taaatgggaa	gagttactcc	180
atgattgtga	acaatctctt	g	aaaccatc	tctgtggaag	gcagttcaaa	aaaagtcaag	240
actgatacag	tt						252

<210> 61

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 61

canggttgta	caaaaanaatt	ttaatgnatt	aactcatact	gcctgtcttt	tataggggaa	60
aaaaatnnac	cttntttatt	ntaaagtatt	aaggnnttna	ccttttnagtn	gcttgatga	120
caggggaatta	gcctacccca	tttnggnctg	gaacagaaga	ctttcaaatt	taatattggtc	180
caagtgtctt	cctactcaag	gtaaacatta	tctccaaaat	nacatntatg	antctaatat	240
ntggcattgt	gtctgtatct	aa				262

<210> 62

<211> 68

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(68)

<223> n = A,T,C or G

<400> 62

ccngcctggt	gaaatacatg	cactcnnggc	cggtagtgtg	catggtctgg	nnngggcngn	60
atgtggtg						68

<210> 63

<211> 262

<212> DNA

<213> Homo sapiens

<400> 63
 ggagccagag ccggtgggttt tgggtggggac tttgatggtg ttccaagggg ccctgagggg 60
 ctggaggacg tctccaagta tccagacctg atcgctgagc tgctcaggag gaactggacg 120
 gaggcggagg tcaagggcgc actggctgac aacctgctga gggctcttcga ggctgtggaa 180
 caggccagca acctcacaca ggctcccagag gaggagccca tcccgctgga ccagctgggt 240
 ggctcctgca ggacccatta cg 262

<210> 64
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 64
 tgtacattct gtttgccatt gttacttgta ctatacatct gtatatagtg tacggcaaaa 60
 gagtattaat ccactatctc tagtgcttga ctttaaatca gtacagtacc tgtacctgca 120
 cggtcacccg ctccgtgtgt cgccctatat tgagggtca agctttccct tgttttttga 180
 aaggggttta tgtataaata tattttatgc ctttttatta caagtcttgt actcaatgac 240
 ttttgtcatg acattttggt ctactt 266

<210> 65
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 65
 cggctgggaa gtcagttcgt tctctectct cctctcttct tgtttgaaca tgggtgcggac 60
 taaagcagac agtggtccag gcacttacag aaaagtgggtg gctgctcgag cccccagaaa 120
 ggtgcttggg tcttccacct ctgccactaa ttcgacatca gtttcatcga ggaaagctga 180
 aaataaatat gcaggagggga accccgtttg cgtgcgcccc actcccaagt gg 232

<210> 66
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 66
 ggcctcctca tccggcatcc ccaccaccgc tgctgctgcc acgggtccac agcgaccag 60
 gcatcacgac ctccagtgac actgctgact tcagggacct ttataccaaa gtgcttgagg 120
 aagaagctgc ttctgtttcc tctgcagata cagggtcttg ctctgaagcc tgcctcttcc 180
 gcctagcccg ctgcccttcc cccaagttag tacgtgcccg gtcagccgag aaacggcg 238

<210> 67
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 67
 ctccgctgga aatgcaaagt gattctagag agtgaagtaa ttgcagaagc agttgggggtg 60
 aagaaaactg tcaaatatga agctgctggg gaagctgtga aaacctcaa aaagaccag 120
 ccaactgtca ttaacaactt gaagaaagga gctgttgaag atgtgatttc aagaaatgaa 180
 attcagggcc gctcagcaga ggaggcttac aaacagcaaa tcaaagaaga taatattgga 240
 aatcagctgc tgaga 255

<210> 68
 <211> 259
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(259)
 <223> n = A,T,C or G

<400> 68
 gaacggcggc cgtttcaact tttaaagga gcggtccacg gcctccagcg tggggagcgc 60
 ccgagtcctc tcggccacga gctggacgct cttcaggacg ttccaccgcc ccctcgcccc 120
 gcacctccag ccttcccgcac tcgcagagtc tcccgangcc ccttttcgcc tcgggtttat 180
 ttattgactg tctttcccc tgctctcgac agaagagtgg gaggtgagaa gcccgctcnc 240
 tcagtgagcc agcatttca 259

<210> 69
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 69
 cgcgagcaag atggccacca ccaagcgcgt cttgtacgtg ggtggactgg cagaggaagt 60
 ggacgacaaa gttcttcatg ctgcgttcat tccttttga gacatcacag atattcagat 120
 tcctctggat tatgaaacag aaaagcaccg aggatttgc tttgttgaat ttgagttggc 180
 agaggatgct gcagcagcta tcgacaacat gaatgaatct gagctttttg gacgtacaat 240
 tcgtgtcaat ttggccaaac caatgag 267

<210> 70
 <211> 256
 <212> DNA
 <213> Homo sapiens

<400> 70
 gaaaaatgca ttttttgtgg gagatcttgg aaagattgtg aagaaacaca gtcaatggca 60
 gaatgtagtg gtcagataa agccattcta cacagtgaag tgcaactctg ctccagctgt 120
 acttgagatt ttggcagctc ttggaaccgg atttgcttgt tccagtaaaa atgaaatggc 180
 tttagtgcaa gagttgggtg tacctccaga aaacattatt tacataagtc cttgcaagca 240
 agtgtctcag ataaag 256

<210> 71
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 71
 ggagcagacg ggtcgcgcg agcgcgcccta tgacatctac tcgcggtgc tcggggagcg 60
 catcgtgtgc gtcatgggcc cgatcgatga cagcgttgcc agccttgtta tcgcacagct 120
 cctcttcttg caatccgaga gcaacaagaa gcccatccac atgtacatca acagccctgg 180
 tgggtgtggtg accgcgggcc tggccatcta cgacacgatg cagtacatcc tcaacccgat 240
 ctgc 244

<210> 72
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 72
 tttgganncc nnnnnntttg naanncnca gnctacttgt tttttttgca ggatcccatc 60
 gattcgaatt cggcacgagg gaacctctat gctggggact attaccgtgt gcagggcccg 120

gcagtgtctgc	ccatccgctg	gatggcctgg	gagtgcattcc	tcatggggaa	gttcacgact	180
gcgagtgtacg	tgtgggcctt	tgggtgtgacc	ctgtgggagg	tgctgatgct	ctgtagggcc	240
cagccctttg	ggcagctcac	cgacgagcag	gtcatcgaga	acgcggggga	gttcttccgg	300
gaccagggcc	ggcaggtgta	cctgtcccgg	ccgcctgcct	gcccgcaggg	cctatatgag	360
ctgatgtctc	ggtgctggag	ccgggagtct	gagcagcgac	cacccttttc	ccagctgcat	420
cggttccttg	cagaggatgc	actcaacacg	gtgtgaatca	cacatccagc	tgccctccc	480
tcagggagcg	atccagggga	agccagtgc	actaaaacaa	gaggacacaa	tggcacctct	540
gcccttcccc	tcccagacgc	ccatcacctc	taatagaggc	agtgagactg	cangtgggct	600
gggcccaccc	aggagctga	tgccccttct	cccttctgga	cacactctca	tgcccttcc	660
tgttcttnt	tctagaacct	tgctgccacc	actggtctgt	ggatgggatc	ctntcacctt	720
ctctaccatc	cttgggaagg	tggggagaaa	ttaggataga	cactggct		768

<210> 73
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(788)
 <223> n = A,T,C or G

<400> 73						
gaanctcngc	cttttgaccn	angcangatc	cctcgattcg	aattcggcac	gaggagaaat	60
actcactacg	ccaaatcggt	acactacacc	ctcaaaagct	agaaaccagt	gcctgaaaga	120
aactccaatt	aaaataccag	taaattcaac	aggaacagac	aagttaatga	caggtgtcat	180
tagccctgag	aggcgtgccc	gtcagtgga	attggatctt	aaccaagcac	atatggagga	240
gactccaaaa	agaaagggag	ccaaagtgtt	tgggagcctt	gaaagggggg	tggataaggt	300
tatcactgtg	ctcaccagga	gcaaaaggaa	gggttctgcc	agagacgggc	ccagaagact	360
aaagcttcac	tataatgtga	ctacaactag	attagtgaat	ccagatcaac	tgttgaatga	420
aataatgtct	attcttccaa	agaagcatgt	tgactttgta	caaaaggggt	atacactgaa	480
gtgtcaaaca	cagtcagatt	ttgggaaagt	gacaatgcaa	tttgaattag	aagtgtgcca	540
gcttcaaaaa	cccgatgtgg	tgggtatcag	gaggcagcgg	cttaaagggc	cgatgcctgg	600
gtttacaaaa	agattagtgg	gaagacatcc	tatctagctt	gcaagggtata	aattggatgg	660
attcttccat	cctgcgggat	gaattgtggg	tgtgattaca	gcctacttaa	agactgggtat	720
ganccgcttt	gatttttaaag	ttcattggaa	ctaccaactt	ggtttcttaa	gaacctttct	780
taagaact						788

<210> 74
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(701)
 <223> n = A,T,C or G

<400> 74						
ncnnaggaaa	acnctttgca	aactcttggg	nccctttgca	ggnatcccat	cgattcgaat	60
tgggcacgag	ggacagtgtg	caaggcccgt	nttcccaca	gtggccactt	tgtggccctc	120
aagagtgtga	gagtcoccaa	tggaggagga	ggtggaggag	gccttcccat	cagcacagtt	180
cgtgaggtgg	ctttactgag	gcgactggag	gcttttgagc	atcccaatgt	tgtccggctg	240
atggacgtct	gtgccacatc	ccgaactgac	cgggagatca	aggtaaccct	ggtgtttgag	300
catgtagacc	aggacctaa	gacatatctg	gacaaggcac	ccccaccagg	cttgccagcc	360
gaaacgatca	aggatctgat	gcgccagttt	ctaagaggcc	tagatttcct	tcatgccaat	420
tgcatcgttc	accgagatct	gaagccagag	aacattctgg	tgacaagtgg	tggaaacagtc	480
aagctggctg	actttggcct	gccagaatct	acagctacca	gatggcactt	acaccggtgg	540
ttggtacact	ctggtacccg	agctcccga	gttcttctgc	aagtccacat	atgcaacacc	600
tgtggacatg	tggaaagtgn	ggctggatct	ttgcagagat	gtttcgtcga	aagcctctct	660

tctgtggnaa cttgaaaccg accagttggc naaatctttg a

701

<210> 75
<211> 694
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(694)
<223> n = A,T,C or G

<400> 75
gaantcnttt ncaagctatt ngatctnttt gcaggatccc atcgattcga attcggcacg 60
aggccagaca agcctgactc tgaggagcaa gccaagatag caaagcttgg acttaagctg 120
ggtttgctca cctctgacgc tgactgcgaa attgagaagt gggaagatca ggagaatgag 180
attgttcaat atggacggaa catgtccagt atggcctatt ctctgtattt atttactaga 240
ggagaggggc cactgaaaac ttcccaggat ttaattcatc aactagagggt ttttgctgca 300
gagggtttaa agcttacttc cagtgttcaa gctttttcaa aacagctgaa agacgatgac 360
aagcttatgc ttctcctgga aataaacaag ctaattcctc tatgccacca gctccagaca 420
gtaactaaga cttctttgca gaataaagta tttctaaagg ttgacaagtg tattacgaag 480
acaagatcca tgatggctct cttagtccaa cttctttcac tttgttataa actgctgaag 540
aagatggaaa ataacggatg ggtctcagtt acaaataagg acactatgga tagtaaaact 600
tgagaagctt ttggggtcag atctcttgga acatcatgtg atgaagctga cattttttaa 660
aatcaaatga tcctttatct tttcagaaat tcac 694

<210> 76
<211> 738
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(738)
<223> n = A,T,C or G

<400> 76
gnnnnnnnnn nnntttnaan ncnnnnnntt ttgaatcccn tacantctac ttgttctttt 60
tgcaggatcc catccgattc gaattcggca cgagccagag ccttctctct cctgtgcaaa 120
atggcaactc ttaaggaaaa actcattgca ccagttgcgg aagaagaggc aacagttcca 180
aacaataaga tcaactgtagt ggggtgttga caagttggta tggcgtgtgc tatcagcatt 240
ctgggaaagt ctctggctga tgaacttgct cttgtggatg ttttggaaga taagcttaaa 300
ggagaaatga tggatctgca gcatgggagc ttatttcttc agacacctaa aattgtggca 360
gataaagatt attctgtgac cgccaattct aagattgtag tggtaactgc aggagtccgt 420
cagcaagaag gggagagtcg gctcaatctg gtgcagagaa atgttaatgt cttcaaatc 480
attattcctc agatcgtcaa gtacagtcct gattgcatca taattgtggt ttccaacca 540
gtggacattc ttacgtatgt tacctggaaa ctaagtggat taccctaaaca ccgcgtgatt 600
ggaagtggat gtaatctgga ttctgctaga tttcgctacc ttatggctga aaaacttggc 660
attcatccca gcagctgcca tggatggatt ttgggggaac atggcgactc aagtgtggct 720
gtgtggaatg gtgtgaat 738

<210> 77
<211> 244
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 77
accgntctcg gnggctttna cccagtttgg ntcttccttg tgggtgggagg agtgatgttc 60
attttgggat ttgcagggtg cattggagcg ctacgggaaa acactttcct tctcaagttt 120
tttncgtgtg tcctgggaat tattttcttc ctggagctca ctgccggant tctagcattt 180
gtcttcaaaag actggatcan agaccagctg tattttctta taaacaacaa catcagagca 240
tata 244

<210> 78
<211> 305
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 78
gnccagtggga gccccaaaat agaagcaaga tgaatattcc attccgcatt ggcaatgcc 60
aaggagatga tgcttagaaa aaagatttct tgataaagct cttgaactca atatgttgct 120
cttgaaaggg cataggctcg tgggaggcat ccgggcctct ctgtataatg ctgtcacaat 180
tgaagacgtt cagaagctgg ccgccttcat gaaaaaattt ttggagatgc atcagctatg 240
aacacatcct aaccaggata tactctgttc ttgaacaaca tacaagttt aaagtaactt 300
gggga 305

<210> 79
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 79
ttcactttga atctatctgc accgtttatt agccagttct acaaggaatc attgatgaaa 60
gttatgcctt atgttgatat actttttgga aatgagacag angctgccac ttttgctaga 120
gagcaaggct ttgagactaa agacattaaa gagatagcca aaaagacaca agccctgcc 180
aagatgaact caaagaggca gcgaatcgtg atcttcaccc aaggagagaga tgacactata 240
atggctacag aaagtgaagt 260

<210> 80
<211> 120
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 80
ggggaaagga ggtctcactg agcaccgtcc cagcatccgg acaccacagc gggcccttcg 60
ctccacgcag aaaaaccaca ctttctcaaa ctttccantc aacacttncc tttccnaaa 120

<210> 81
<211> 282
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(282)

<223> n = A,T,C or G

<400> 81

atgattatca	aggaagagga	agaagatact	gcagagaagc	cntgnaagga	agaggatgtc	60
gtgactccaa	aaccaggcaa	gagaaagaga	gaccaggcag	aggaggagcc	caacaganta	120
ccaagccgca	gcctccgacg	gaccaaactt	aaccaagant	caacagcccc	caaagtgnnt	180
ttccaggagt	ggtggatgcn	cngggaaaac	gggnttggtc	ntggctctgg	ggggntttctg	240
gcggtttngc	ggcagnggnt	ccccncttgn	cattattggn	nc		282

<210> 82

<211> 231

<212> DNA

<213> Homo sapiens

<400> 82

cggcatcgtg	tgataaaact	gccaaaatgt	gggacctcag	cagtaaccaa	gcgatacaga	60
tcgcacagca	tgatgctcct	gttaaaaacca	tccattggat	caaagctcca	aactacagct	120
gtgtgatgac	tgggagctgg	gataagactt	taaagttttg	ggatactcga	tcgtcaaatac	180
ctatgatggt	tttgcaactc	cctgaaagtg	ttacgtgctg	acgtgatata	c	231

<210> 83

<211> 294

<212> DNA

<213> Homo sapiens

<400> 83

agtcactagg	atgcagatgg	accacacttt	gagaaacacc	acccatttct	actttttgca	60
ccttattttc	tctgttcctg	agccccaca	ttctctagga	gaaacttaga	ggaaaagggc	120
acagacacta	catatctaaa	gctttggaca	agtccttgac	ctctataaac	ttcagagtcc	180
tcattataaa	atgggaagac	tgagctggag	ttcagcagtg	atgcttttag	ttttaaaagt	240
ctatgatctg	gacttcctat	aatacaata	cacaatcctc	caagaattga	cttg	294

<210> 84

<211> 518

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(518)

<223> n = A,T,C or G

<400> 84

gnnnnntaat	naanaacntt	tgccntntaa	accctttttg	aaaaccatnn	aagctcaang	60
ggactacggg	aagcagcggg	cagcggcccg	cggtttncat	tttngagatn	tgggtgcaaa	120
agcccanggt	tnggaaccgt	aagcatgctg	ngccccaag	gtttggcca	tgtgctaagn	180
caagccaaca	ctggnggcnt	ncagagcacc	ctgctgntga	ataacgangg	atcactgctg	240
gcctactctg	nttacgggga	cactgacgcc	cgggtcaccn	atgacatagc	cngttacatc	300
ngnccgant	actaccngga	acgggaacca	atcttttaat	gaagacaanc	tcaaattcat	360
nctcatggac	tgcntggang	gccgtgtnnc	catnaccena	gtggccaanc	ttatgctgtn	420
aanatatgcc	aaagnnaccg	ngggcttttg	aatgctcanc	gccantgccc	aagnttttgt	480
gnactaccng	gaggagccnc	ttaaannann	cncncccc			518

<210> 85

<211> 515

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(515)
<223> n = A,T,C or G

<400> 85
ttnntttgaa aancatttan ctacttggtt tttatgcagg atcccatcga ttcggacaca 60
ttggagctgg agagcccctc gctgacatcc acccnagtgt gcagccagaa ggtgggtggtc 120
accacaccac tgcaccggga caagacaccc ctgcaccaga aacatgctgc gtttgtaacc 180
ccagatcaga agtactccat ggacaacact ccccaacgc caaccccggt caagaacgcc 240
ctggagaagt acggaccctt gaagcccctg ccacagaccc cgcacctgga ggaggacttg 300
aaggaggtgc tgcgttctga ggctggcatc gaactcatca tcgaggacga catcaggccc 360
gagaagcaga agaggaaacc tgggctgcgg cggagcccca tcaagaaagt ccggaagtgt 420
ctggctcttg acattgtgga tgaggatgtg aagctgatga tgtncacact gcccaagtct 480
ctatccttgc cgacaaccct ttggggggccc cccct 515

<210> 86
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

<400> 86
ngtatttatt actcttgtct ttttgcagga tccctcgatt cgaattcggc acgaggtcaa 60
aagctgtcga aaccgttcac aatttgtgtt gcaacgagaa caaaggggcc tctgaactag 120
tggcagaatt gagcacactt tatcagtgtg ttaggtttcc agtgggtagc aatggggtgt 180
gctgaagtgg gtggattgga ctgtatcaga accaaggtag tttcagctgc agactgacca 240
taccctgtc caccctggcg tgctggatga gatcagcacc tgccaccagc tcctgcaccc 300
ccaggtcctg cagctgcttg ttaagctttt tgagactgag cactcccagc tggacgtgat 360
ggagcagctt gagttgaaga agacactgct ggacaggatg gttcacctgc tgagtcgagg 420
ttatgtactt cctgttgtca gttacatccc gaaaaaaggg ttttggggnt ttctggagaa 480
gctggacact gacatttcac tcattcgcta ttttgtcact gaggtgctgg acgtcattgc 540
tcctccttat acctctgact tcgtgcaact tttcctnccc atcctggaga atgacagcat 600
cgcaggtacc atcaaaacng aaggcgagca tgaccctgtg acngagtta tagctcactg 660
caaataaac ttcacatggt tgaactaatt tagagcatcc ttcagactga acagaacatt 720
ccagaaccgg ttgtggaaaa cccttcaaga actgttt 757

<210> 87
<211> 732
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(732)
<223> n = A,T,C or G

<400> 87
ngncttttan antacanana caanctactt gttctttttg caggatccca tcgattcgaa 60
ttccgttgct gtcgcccgcg ccccgggcag gccagtcatt tgtaagtgt cgcttctttg 120
ctgtgatgtg ggtgggggag gaagagtaaa cacagtgtg gctcggctgc cctgagggtg 180
ctcaatcaag cacaggtttc aagtctgggt tctgggtgtc actcaccac cccaccccc 240
aaaatcagac aaatgctact ttgtctaacc tgctgtggcc tctgagacat gttctatatt 300

taaccccttc	ttggaattgg	ctctcttctt	caaaggacca	ggtncctgttc	ctctttctnc	360
ccgactccac	cccagctccc	tgtgaagaga	gagttaatat	atttgtttta	tttatngct	420
ttttgcgnng	ggatgggttc	gtgtccagtc	ccgggggtct	gatatggnca	tcacaggctg	480
ggtgttccca	gcagccctgg	cttgggggct	tgacgccctt	cccttgcccc	aggccatcat	540
ctnccccactc	tntcnccctc	ttcttagtat	tgccgactgc	tnttcatctg	agtcaccatt	600
tactccaagc	atgtatncca	nacttgncac	tgactnttct	tctggagcan	gtggctanaa	660
aaaaaagctg	tnggcangaa	aaaaangctc	ctgtntctca	tntgtgaagn	cagcctctgg	720
gcttttctgc	cg					732

<210> 88
 <211> 541
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(541)
 <223> n = A,T,C or G

<400> 88						
attatntcag	ctcttgttct	ttttgcagga	tccctcgatt	cgaattcggc	acgagccgtc	60
acttacggcc	ggagctgttt	gtgctgggag	ctggtggcgc	ggtgcagggc	tcttaagaac	120
gaacggcttg	ggcgcgact	ggtatccggg	gactgtgact	tgcaagggtcc	gccatggagc	180
cagagcagat	gctggaggga	caaacgcagg	ttgcagaaaa	tcctcaactct	gagtacggtc	240
tcacagacaa	cgttgagaga	atagtagaaa	atgagaagat	taatgcagaa	aagtcatcaa	300
agcagaaggt	agatctccag	tctttgccaa	ctcgtgccta	cctggatcag	acagttgtgc	360
ctatcttatt	acagggactt	gctgtgcttg	caaaggaaag	accaccaaatt	cccattgaat	420
ttctagcatc	ttatctttta	aaaaacaagg	cacagtttga	agatcgaaac	tgacttaatg	480
ggaagaacag	aaaaatttag	ttgctactgt	agatttacat	gattaaggaa	agggggcccc	540
a						541

<210> 89
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 89						
tttattccat	tcacctattc	anctacttgn	tctttttgca	ggatcccatc	gattcgaatt	60
ccgttgctgt	cggcggtctg	agcggncctg	taggtgtccg	gctttgctgg	cccagcaagc	120
ctgataagca	tgaagctctt	atctttggtg	gctgtggtcg	ggtgtttgct	ggtgccccca	180
gctgaagcca	acaagagttc	tgaagatata	cggtgcaaat	gcactctgtcc	accttataga	240
aacatcagng	ggcacattta	caaccagaat	gtatcccaga	aggactgcc	tgtctctctc	300
tgttgtagca	actgcctgca	cgtggtggag	cccatgccag	tgccctggcca	tgacgtggag	360
gcctactgcc	tgetgtgcga	gtgcaggtcg	aggagcgcag	caccaccacc	atcaaagtca	420
tcattgtcat	ctacctgtcc	gtggtgggtg	ccctgtttgg	ccntttcccc	nttcatggcc	480
ttctgatgct	ggtggacctc	tgatccgaaa	gccgatgca	tacactgagc	aactgacaat	540
gaggaggaga	atgaggcccc	angagggnag	ggncccatct	gagatctcag	aactaagctt	600
cacaacctgc	acactgtgtc	actctgaatg	naaggaaggt	ctcagctgac	attgggagcc	660
agctccagct	gggaagatct	cnttatgcan	actgtgatcc	tcgggaccca	caact	715

<210> 90
 <211> 762
 <212> DNA
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(762)
<223> n = A,T,C or G

<400> 90
nttatcagct cttgtttcttt ttgcaggatc ccatcgattc gaattcggca cgaggccact      60
gccgtctccg ccgccactgg gccccagag cccagcccc agagcctagg aacctggggc      120
ccgctcctcc cccctccagg ccatgaggat tctgcagtta atcctgcttg ctctggcaac      180
agggcttgta gggggagaga ccaggatcat caaggggttc gagtgcgca ctcactccca      240
gccctggcag gcagccctgt tcgagaagac gcggctactc tgtggggcga cgctcatcgc      300
ccccagatgg ctcttgacag cagcccactg cctcaagccc cgctacatag ttcacctggg      360
gcagcacaac ctccagaagg aggagggctg tgagcagacc cggacagcca ctgagtcctt      420
ccccaccccc ggcttcaaca acagcctccc caacaaagac caccgcaatg acatcatgct      480
gggtgaagatg gcacgcgag tctccatcac ctgggctgtg cgaccctca ccctctcctc      540
acgctgtgtc actgctggca ccagctgcct catttccggc tggggcaaca cgttcagccc      600
ccaattacgc ctgcctnaac cttgcgatgc gccaacatac catcattgac accagaatgt      660
gagaacgcct acccggaac atcacagaca ccatggtgtg tgccaacgtg cangaanggg      720
gcaaggattc tggcaggtga cttcgggggc cttttggttg ta                          762

<210> 91
<211> 315
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 91
gtcctgcagg ccatctacgt gattgacttc ttctggaacg aaacctggta cctgaagacc      60
attgacatct gccatgacca cttcgggtgg tacctggggc tggggcgact gtgtctggct      120
gccttatctt tacacgctgc aggggtctgt ttggtgtacc accccgtgca gtgtccaacc      180
cgcaagccgt ggcgtcctgt gcttggctng tgggnaatac atctccgggt ggcaaccaca      240
agaagactnt tcgcggnaga ntggccntgc tnattgggna gaanccaagn tcatcgaggc      300
nctaaaatcg ggagg                          315

<210> 92
<211> 79
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(79)
<223> n = A,T,C or G

<400> 92
ggaaagatgg cgtcccgcaa ggnaggtagc ggcttctact gccacctctt tccagcttcc      60
accggccggc gcagcaggg                          79

<210> 93
<211> 831
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(831)

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<223> n = A,T,C or G

<400> 93

tncntnttng	nntntaatcc	cttccccatt	ccnctacttg	ttctttttgc	aggatcccat	60
cgattcgtca	ctactcagct	tttggtctctg	tgntntagt	gnttcggggcc	atcaaaatgg	120
gaagatacga	agaaagtttc	gcagccgctg	gctttggctc	cttcgagctg	gtcagccaga	180
tctctgctga	ggacctgctc	cgaatcgag	tactctggc	gggacaccag	aagaaaatct	240
tggccagtgt	ccagcacatg	aagtcccagg	ccaagccggg	aaccccgggt	gggacaggag	300
gaccggcccc	gcagtactga	cctgcaggaa	ctccccaccc	cagggacacc	gcctccccat	360
tttccggggc	anagtgggga	ctcacagagg	ccccagccc	tgtgccccgc	tggattgcac	420
tttgagcccg	tggggtgagg	agttggcaat	ttggagagac	aggatttggg	ggttctgcc	480
taatangagg	ggaaaatcac	ccccaccac	ctcggggaac	ttcagaccaa	nggtgagggc	540
gcctttncct	caagactggg	tgtgaccaga	ggaaaaggaa	gtgcccaaca	tcttccaacc	600
ttcccaagt	ccccctcac	cttgatgggn	gcgttcccg	ngacaaaaa	anagtgtgac	660
ttcccttgcc	ngcttccaaa	ntgggggggg	gcttgtnccc	agggggcaaa	naanggtgt	720
taagggcccc	atgacaaaa	acaattgggg	tttggtggn	ccnaanttg	tggttgtcac	780
caccaaactt	naatantttt	ttttcccttg	taaatgcccc	ttcccccant	g	831

<210> 94

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 94

anntnattg	nanngaaatc	cnttcnacnn	gncccnttgc	aggatccctc	gattcgaatt	60
cggcacgagc	ccaccatcac	ngaggccntg	gtagcacgnt	ttcgganaag	ccatccctgc	120
ctnagaagcn	gagcaggctg	nggagcanga	agcttcctga	catgggctgc	agtcttctctg	180
agcacagggc	acaccaagaa	gcaagccata	ggcngntctg	tgagtcaaag	aatgggcccc	240
cttatcccca	gggagctggc	cagttagatt	atgggtccaa	agggattcca	gacacttctg	300
agccagtcag	ctaccacaac	tctggagtaa	aatatgctgc	atccgggcaa	gaatctttaa	360
gactgaacca	caaanaggta	aggtctctcca	aagagatgga	gcgaccctgg	gttaggcagn	420
cttctgcccc	agagaaacac	tccananact	gntacaagga	ggaagaacac	ctcactcagt	480
caatctntccc	accccctaaa	ccaganagga	gtcatagcct	gaaactccat	catncccaga	540
acgtggagag	ggaccccant	gtgctgtacc	agtaccaacc	acacggcaag	cgccagagca	600
gtgtgactgt	tgtgtcccag	tatgatnacc	tgnaanatta	ccacttgctg	cctcagcacc	660
ancgangagt	cttttgagg	gggcnngtat	gngggacnnt	ttgtgcccc	cttgggtttt	720
ncnattcac	aaaaagcaag	gaccttatnc	tttcagcggt	gggtcaagg	ggctttnctg	780
cccccaaaa	tttttccttg	cacatt				806

<210> 95

<211> 314

<212> DNA

<213> Homo sapiens

<400> 95

cggacggtgg	ggaaacgctc	tatctagttt	acctagcaaa	agctcaaaac	tgcgctagta	60
tggacttttt	ggacagactt	agtttttgca	cataaccttg	tacaatcttg	caacagaggc	120
cagccacgta	agatatatat	ctggactctc	ttgtattata	ggatttttct	tgttctgaat	180
atccttgaca	ttacagctgt	caaaaacaaa	aactggatt	tcagatctgt	tttctgaaat	240
cttttaagct	aaaatcacat	gcaagaattg	actttgcagc	tactaatttt	gacacctttt	300
agatctgtat	aaaa					314

<210> 96

<211> 255

<212> DNA

<213> Homo sapiens

<400> 96

ccacaacctg	ctcatgggtg	acaccaagga	gcagcgcato	ctgaaccatg	tgctgcagca	60
tgcgagagccc	gggaacgcac	agagcgtgct	ggaggccatt	gacacctact	gcgagcagaa	120
ggagtgggccc	atgaacgtgg	gcgacaagaa	aggcaagatc	gtggacgccg	tgattcagga	180
gcaccagccc	tccgtgctgc	tggagctggg	ggcctactgt	ggctactcag	ctgtgcgcat	240
ggcccgctg	ctgtc					255

<210> 97

<211> 261

<212> DNA

<213> Homo sapiens

<400> 97

ccaacctgga	gctccactcc	ctctccactg	gccgtcttcc	cagagttgtg	acagccaatc	60
ggatgctgaa	gcagatgctt	ttcaggtatc	aagggttacat	tggtgcagcc	ctagttag	120
ggggagtaga	tggtactgga	cctcacctct	acagcatcta	tcctcatgga	tcaactgata	180
agttgcctta	tgtcaccatg	ggttctggct	ccttggcagc	aatggctgta	tttgaagata	240
agtttaggcc	agacatggag	g				261

<210> 98

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 98

ttttcttcaa	ctacttgttc	tttttgcagg	atcccatcga	ttcgaattcc	gttgctgtcg	60
aggggacaag	cttcgtttca	ggggtctgcc	gttccatcct	ggttcagaga	aggccgagcg	120
tggttttctc	tagccttgtc	actgtctccc	tgctgttcaa	tcaccacctt	tcctccagag	180
gaggaaaatt	atctcccctg	caaagcccgg	ttctacacag	atttcacaaa	ttgtgctaag	240
aaccgtccgt	gttctcagaa	agcccagtg	ttttgcaaag	aatgaaaagg	gaccccatat	300
gtagcaaaaa	tcagggtctg	gggagagccg	ggttcattcc	ctgtcctcat	tggtcgtccc	360
tatgaattgt	acgtttcaga	gaaatttttt	ttcctatgtg	caacacgaag	cttccagaac	420
cataaaatat	cccgtcgata	aggaaagaaa	atgtcgttgt	tggtgttttt	ctggaaactg	480
cttgaaatct	tgctgtacta	tagagctcaa	aaggacacag	cccgtcctcc	cctgcctgcc	540
tgattccatg	gctgttgtgc	tgattccaat	gctttcacgt	tggttcctgg	cgtgggaact	600
gctcttcttt	gcagcccat	ttccaagctc	tgttcaagtt	aaacttatgt	nagctttccg	660
tggcatttgc	gggcgcgcac	cccgttcccc	ctgcgtaaga	ctcttntntt	tggatgccaa	720
tncacangcc	tgaa					734

<210> 99

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 99

agtcnttgga	nttcanatac	angctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tccgttgctg	tcggctggcg	tcaagagcag	ttgactcact	gatgaaggcc	ctggtgagga	120
gaaagcactc	tggttcttcg	ctactctgta	atcggtttgt	cataatgagc	catgaaaaaa	180

gtaatgaact	tgtgctgnta	atcgtcactg	taatgagaag	tcttacgtac	aacatagctg	240
nggtggctgc	gtgggtttaat	ggctgcatta	gataggatcc	tcacatccca	ttcagaacca	300
aaactgatac	agtgaacaa	ttaagggtgag	caaatagttt	taacctttct	ttttttttt	360
ttaagtttca	ttcttcctag	aatatttttc	taacaatttt	tatttcagct	ttaaagatgg	420
gtcatatagc	caaacgggcc	atataatcca	acattgttga	gatgtnttan	gacatctaag	480
gcaaaaactgg	cacatttggt	ctgcanacta	ttgcaggaat	gttttttcct	agcatttcta	540
tattatctgt	ccattctgag	gaaccagtga	atgtcctata	aatgcacctn	ctgtcaaaac	600
catgcctgat	angtcccggc	tgggantgac	anggtgcttc	ttaaattcta	ttggcccttc	660
tntcattctc	cgnacttact	cctttttatg	ggt naggtca	aatanggtta	cagtcccttt	720
tttttaatgc	ctaagt					736

<210> 100

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 100

tnncaatntag	anntcnanct	acttgttctt	tttgcangat	cccatcgatt	cgaattccgt	60
tgctgtcgcc	ggctngagct	caccacctac	ctctttggcc	aggacccttg	accagccagg	120
cctgaaggaa	gacctgcgga	tggacaggag	cgggcaggcc	cgcacatatc	cacttgctgg	180
agcccatggt	tacagacagg	gacatacacc	atgcagatcc	tgagttcctg	ctgtatgagc	240
agggatatcc	atgcttatgt	atccaaacac	agagacccat	gggaacaaat	gagacacata	300
tagatactga	gacctgtgtg	tacagtanga	ccatgcactc	acacccatct	ggagagggag	360
ccccnggtat	accaagggag	ccagttgtgt	tcanacacac	acatcacagc	ttgactcact	420
aactgangcc	tttccatagc	tncacanntt	nccanctcct	cncacacaaa	ccgggggtnt	480
agagttaagg	atgggggagg	gtattatact	gcctnantct	gacttctcna	nccaacaatn	540
aatttttaggg	gatgatgggg	aagaagagct	gcctttagga	ggccctcttc	acctgcagct	600
atgatgccct	tcnnttttcc	ttgtcctcac	catatgctta	tcnccattnt	actcccatgt	660
tatgctngag	cccctgtggc	ttgttcacaa	gcctaagna	acaaaaatca	tctgngnaaa	720
naagnattta	nt					732

<210> 101

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 101

tngattngat	acagctctag	tctatacncg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcc	gttgctgtcg	agcaaaaacca	tactccaaga	aagcatcatc	aacatcacca	120
ccagcagcng	caccaccagc	agcaacagca	gcagccgccca	ccaccgncaa	tacctgcnaa	180
tgggcaacag	gccagcagcc	aaaatgaagg	cttgactatt	gacctgaaga	atttttagaaa	240
accangagag	aagaccttca	cccaacgaag	ccgctttttg	tgggaaatct	tcctcccagc	300
atcactgagg	aagaaatgag	gaaactattt	gagaaatatg	gaaaggcang	cgaagtcttc	360
attcataagg	ataaaggatt	tggctttatc	cgcttggaag	cccgaaccct	ancggagatt	420
gccaaagtgg	agctggacaa	tatgccactc	cgtggaaagc	agctgcntgt	gcgctttgcc	480
tgccatagtg	catcccttac	agttcgaaac	cttcctcagt	atgtgtncaa	cgaactgctg	540
gaagaagcct	tttctgtgtt	tggccatgta	ganagggctg	tagtcatngt	ggatgatcga	600
ggaaggccct	caggaaaagg	cattggtnag	ttctcaaggg	aagccacttg	ctcggaaaaa	660
gctctggaca	gatgcagtga	aagcttcttt	tctggttaac	cacatt		706

<210> 102
 <211> 924
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(924)
 <223> n = A,T,C or G

```
<400> 102
annnnnnnnnn ngnnnnnnnna nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnac      60
nnacngnnnnn nnnnnnnnnng ggggnnnnnnc nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      120
nnncgagcggt tttnttttgta ncaacctcnc aaactacctg ggttcntttt gcaaggaacc      180
catcgattcg aattccgttg ctgtcgagcc agccaggcct gtcgtctggg acccaggagg      240
cctctgatga ccaagggtt tcacatccta agtcatttgg aaggaggcct tgagaacaaa      300
gtcacctttg ncaactcccag tgaactgaat gaggaacatg ctggctcctg tctnggcctc      360
ccctttcang agatactggg gagaagagaa cattcctcct ggcttaggtg nagcaagacc      420
cangacctgg tgcccagntt tggcccccn tcccaacttc nnaaagcacg nggctgcaga      480
gccaccttgg tctgagccac ctgagggacc aagccccctc ctncctcaga aggcgggnca      540
tctcttaggg gganattctt aaagntgaaa aaaagggggg ggggggaacc atanntgccc      600
ctccctcccc atcaaaannt tccttncatt naacttngcn nnaaaatgag tcantataaa      660
gaaaactcta tttgggtgga ggggatatnc cacttctggg gaaaancatt acaaattcaa      720
acccgcttct cntcagtttn attttaagaa tgctttttng ttgcagaacc gnggagctcc      780
taaaagtgga aagncnccc nagnggtgtg gtggnngaana aaaaaaaaaa accttggnna      840
acctccattt acaggctngg gcccttatct taacnattaa acccaaggan ccngaagccc      900
nggcnnngga atttgnctna ancnn                                     924
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<210> 103
 <211> 511
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = A,T,C or G

```
<400> 103
gnnnnnnnnnn ttttnaattt ncatacangc tacttgttct ttttgcagga tcccatcgat      60
tccgaattcc gttgctgtcg atcctgggcc acccctacga cgtggccatt gacatgtgga      120
gcctgggctg catcacggcg gagttgtaca cgggctaccc cctgttcccc ggggagaatg      180
angtgaggca gctggcctgc atcatggagg tgctgggtct gccgccagcc ggcttcattc      240
agacagcctc caggagacag acattctttg attccaaagg ttttcctaaa aatataacca      300
acaacagggg gaaaaaaaga taccagatt ccaaggacct cacgatgggt ctgaaaacct      360
atgacaccag cttcctggac tttctcagaa ggtgtttggt atgggaacct tctcttngca      420
tgaccccgga ccaggccctc aagcatgctt ggattcatca gtctcggaac ctcaaaaggg      480
ccccaaccag ggcccccccn aagggccccc c                                     511
```

<210> 104
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 104

gnnnnttnaan	tatanatata	nectacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
cggttgctgtc	gctcagctga	gttttgaact	gagtgaattt	cgaagaaaat	atgaagaaac	120
ccaaaaagaa	gttcacaatt	taaatcagct	gttgatttca	caaagaaggg	cagatgtgca	180
acatctggaa	gatgataggc	ataaaacaga	gaagatacaa	aaactcaggg	aagagaatga	240
tattgctagg	ggaaaacttg	aagaagagaa	gaagagatcc	gaagagctct	tatctcaggt	300
ccagtttctt	tacacatctc	tgctaaagca	gcaagaagaa	caaacaaggg	tagctctggt	360
ggaacaacag	atgcaggcat	gtactttaga	ctttgaaaat	gaaaaactcg	accgtcaaca	420
tgtgcagcat	caattgcatg	taattcttaa	ggagctccga	aaagcaagaa	atcaaataac	480
acagttggaa	tccttgaaac	agcttcatga	gtttgccatc	acagagccat	tagtcacttt	540
ccaaggagag	actgaaaaca	gagaaaaagt	tgccgcctca	ccaaaaagtc	ccactgctgc	600
actcaatgaa	agcctgggtg	aatgtnccaa	gtgcaatata	cagtatccag	ccactgagca	660
tcgcgactctg	cttgtccatg	tggaataactg	gtcaaagtac	aaaataagta	tttgt	715

<210> 105
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 105	tttttttaaa	atacatncaa	ctacttggtc	ttttttgcagg	atcccatcga	ttcgaattcc	60
	gttgctgtcg	agcatgacca	ancagctggg	tgacttntgg	acacggatgg	aggactccgc	120
	caccaagccc	ggcagcaggg	ggcagaggca	gtccaggccc	agcagcttgc	ggaagggtgcc	180
	agcgagcagg	cattgagtg	ccaagaggga	tttgagagaa	taaaacaaaa	gtatgctgag	240
	ttgaaggacc	ggttgggtca	gagttccatg	ctgggtgagc	aggggtgccc	gatccagagt	300
	gtgaagacag	aggcagagga	gctgtttggg	gagaccatgg	agatgatgga	caggatgaaa	360
	gacatggagt	tggagctgct	gcggggcagc	caggccatca	tgctgcgctc	agcggacctg	420
	acaggactgg	agaacgtgtg	gagcagatcc	gtgaccacat	caatgggcgc	gtgctctact	480
	atgccacctg	caagtgatgc	tacagcttcc	accggttgcc	ccactcatct	gccgctttgc	540
	ttttggttgg	gggcagattg	ggttggaatg	ctttccatct	tcaggagact	ttcatgtagc	600
	ctaaagtaca	gcctggacca	cccctgggtg	gtacttagta	aaaataaccct	gaacttgcaa	660
	cttaaccttg	acccaatggg	acaantacac	tttgacaana	caaaagatng	tngga	715

<210> 106
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 106	tggttttttna	aaacccttan	acaanctact	tggttcttttt	gcaggatccc	atcgattcga	60
	attccggttg	tgtcggccag	gaactgcatg	ctgaatgaga	acatgtccgt	gtgtgtggcg	120
	gacttcgggc	tctccaagaa	gatctacaat	ggggactact	accgccaggg	acgtatcgcc	180
	aagatgccag	tcaagtggat	tgccattgag	agtctagctg	accgtgtcta	caccagcaag	240
	agcgatgtgt	ggtccttcgg	ggtgacatgt	gggagattgc	cacaagaggc	caaaccctcat	300
	atccggggcg	ggagaacagc	gagatttatg	actatctgcg	ccagggaagt	cgcctgaagc	360
	agcctgcgga	ctgtctggat	ggactgtatg	ccttgatgtc	gcggtgctgg	gagctaaatc	420
	cccaggaccg	gccaagtttt	acagagctgn	gggaagattt	ggagaacaca	ctgaangcct	480
	tgcttntctg	ccaggagcct	gacgaaattc	tctatgtcaa	catggatgag	ggtggagggt	540
	atncttgaac	cccctgnact	tgcagganga	ctgaccccc	caaccacaanc	anaccctaag	600
	ggatttctgt	acttgccctca	cttgccgggt	gaggtccatc	ctggttggac	gcttttgtcc	660
	ttttgccctt	tncaacaacc	ccttaacccc	gcttaaacct	gtttataagg	ggcttcccca	720

<210> 107

<211> 656

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(656)

<223> n = A,T,C or G

<400> 107

gncttttgaa	nnnccttnac	cactacttgt	gtctttttgc	aggatcccat	cgattcgaat	60
tccgttgctg	tcggactatg	atgccaaactt	taaaataaag	gacttccttg	aaaaactaag	120
gntatctttn	ttgaagctca	cctttgtcta	aataactcag	accatgaccg	acttcatacc	180
ttggtaactg	aacactgttt	tccagacatg	acttgggaca	tcaaataata	gaccgtccgc	240
tggagctttt	tggaatcttt	agagccctct	catgttggtc	aagttcgctg	ttcaagtatg	300
atgaaccagg	gcaacgtgta	cggccagatc	accactctgg	ccatctatga	ccggtttggc	360
cggttgatgt	atggacagga	agatgtaccc	aaggatgtcc	tggagtatgt	tgtattcgaa	420
aagcagttga	caaaccctta	tggaaagctgg	agaatgcata	ccaagatcgt	tcccccatgg	480
gcacccctta	agcagcccat	ccttaagacg	gtgatgatcc	ctggccctca	gctgaaacca	540
gaagaagaat	atgaagaggc	acaaggagag	gcccagaagc	ctcagctagc	ctgatgacaa	600
aatgacttc	taggggtgaag	cctgggtgat	gaggctgctg	gaagctttga	agtctc	656

<210> 108

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 108

tnntattana	tcanctcttg	tctttttgca	ggatccctcg	attcgaattc	ggcacgaggc	60
cggctccagg	gccatgaagc	ccccaggagg	agaatcgagc	aatctttttg	gaagtccaga	120
agaagctact	ccttccagca	ggcctaatag	gatggcatct	aatatTTTTg	gaccaacaga	180
agaacctcan	aacataacca	agaggacaaa	tccccagggg	ggtaaaggaa	gcggtntctt	240
tgacgaatca	acccccgtgc	agactcgaca	gcacctgaac	ccacctggag	ggaagaccag	300
cgacattttt	gggtctccgg	tactgccac	ttcacgcttg	gcacacccaa	acaaacccaa	360
ggatcatgtt	ttcttatgtg	aaggagaaga	acaaaaatcg	gatcttaaa	ctgcaaggag	420
catccccggt	ggagcagacc	aggtgagaaa	ggcagcgcca	gaaaagcagg	ccccgncaag	480
gagcangaac	ccatgcccac	agtctacagc	catgancccc	ggctggggcc	gcggnctcgc	540
tctnacaaca	aggtcctgaa	ccccaccggg	angcaaaatn	cagcatcttc	cttctactta	600
agagaaancc	actgnttcaa	ncccggagcc	cagaccgaga	aaacttnaaa	gaagaatagg	660
ggtaagccca	tggttntca	aattttccct	tttgggcccc	aaaatggaac	ccgggggttn	720
gggnaaaaaa	aggggtttta	gtcccttaat	tgttgaaanc	ccttgggctt	cgctccatct	780
ctctctcttc	ttngcctctc	tcccattgga	nccctccttt	gccttttggg	aaacaacccc	840
cnttgnccct	ttcccaaaaa	ttnggncttn	ggccaaanat			880

<210> 109

<211> 668

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 109

cgnttaannn	cntnatntac	atcanctact	tgttcttttt	gcaggatccc	atcgattcgc	60
gcgagcgtct	gggcgggttg	taggtgagtg	ggtattgcgg	gctagtatcc	gagcaaaaga	120
tggtggcgca	ggccgagtta	agagctttta	tctgtgaag	acatcttagt	gaagagttta	180
gagtgtgag	agttgaaagc	ttgcacgtgg	gaaacgtgcg	gccggactgc	cacatgtact	240
gaggttgagt	cgtgacggcc	acaggctccg	agttttggcg	tgaggaaccg	ctgatcggcc	300
acgggcgccc	aacttgctgg	cctccggcat	gtgcctgagc	ggcggcgga	aaaccacctt	360
aattggggcg	gagggtagt	tttaacagca	aagggccttt	actaaaatgg	cgaacgcctt	420
ccgtcggcgt	tggttttaaaa	tgggaagcct	cgaccctgta	ttgaaactga	gctgttcgaa	480
ggcggcggtt	tggtgcaattc	cgattaatga	aggggaagg	ttttgtgtgg	aaaaacncct	540
tggagtgtga	catttctgcn	agaatgctta	aataccgatt	tncncagga	acaatggcgc	600
tgtnttcant	ggcacagtgg	ancagctctg	nagatgcaaa	gatnccccaa	aaaaaaaaac	660
cttttttt						668

<210> 110

<211> 276

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(276)

<223> n = A,T,C or G

<400> 110

gtcagagctg	cctncgattt	ggtaaaatgt	gctgcgagaa	gtggagccgc	gtggcgggcaa	60
atgtttctct	tcactgagga	gcgggaggat	tgtaagatac	tgtgcctttg	ctccagggca	120
tttgtggagg	atcgaaaatt	gtacaatttg	ggattaaaag	gctattacat	cagagacagt	180
ggcaacaatt	caggagacca	ggcgacagaa	gaagaggaag	gtgggtattc	ctgtggtact	240
gcagaatcac	atgacagcaa	aggcataggc	ctggct			276

<210> 111

<211> 701

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(701)

<223> n = A,T,C or G

<400> 111

ttnatccntt	tnnnatacaa	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagga	gaaactcaaa	agtaggaagc	tcctccttcc	tgagaaactg	tcacagtgc	120
ttcaggtcac	caaagggagg	aggtacagaa	agatgctgg	gtatgtgacg	aggctgggtg	180
ccactgaagc	accacagtgc	agtgggaaga	aacaaggaga	gacaagctgg	gtccccacct	240
aggaaacaga	ngtgtggcaa	ccgggccang	gctggcacan	gctggggggc	aaggggagga	300
gctccctgac	gaccagtgc	tttcggggcc	tcggtggtgg	ttgcaagaaa	ttgcctacca	360
aaacttcacc	cactgcanca	ngccaagtgt	caccgggaa	gccgaggaag	aangtgagac	420
tccccctttt	gcaggggtct	tgactgagta	cttnccacca	tagcagtggg	atacgcatgc	480
tggttgtaat	tgtagntctg	atcggtctctg	ctgcacgttt	ctgcagtgat	gacgcgtccg	540
caccctnaat	aattgctttc	cagttgaaga	aaggaatgtt	ctgnttgaaa	tcctccanan	600
tcggctgaat	aaaagaggct	cgggtgctgg	ggggcnggac	ctggttcttg	ntatgcatnc	660
cattgatgaa	accactttgg	attaaaatct	tncanaaagg	g		701

<210> 112

<211> 227

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(227)

<223> n = A,T,C or G

<400> 112

gccaaaggagt	ggcaggccct	ctgtgcctac	caagcagagc	caaacaactg	tgccaccgcg	60
cagggggagg	gcaacatcaa	aaagaaccgg	catnctgact	tnctgcccta	tgaccatgcc	120
cgcataaaac	tgaaggtgga	gagcagccct	tnngggagcg	attacattaa	cggcagcccc	180
attattgagc	atgaccctng	gatgccagct	acgnaggcaa	ggaggggt		227

<210> 113

<211> 243

<212> DNA

<213> Homo sapiens

<400> 113

agaaaaacaca	tgaaaccttg	agtcacgcag	ggcaaaaggc	aactgcagct	ttcagcaacg	60
ttggaacggc	catcagcaag	aagttcggag	acatgagtta	ctccattcgc	cattccataa	120
gtatgcctgc	tatgaggaat	tctcctactt	tcaaatacatt	tgaggagagg	gttgagacaa	180
ctgtcacaaag	cctcaagacg	aaagtaggcg	gtacgaaccc	taatggaggc	agttttgagg	240
agg						243

<210> 114

<211> 310

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(310)

<223> n = A,T,C or G

<400> 114

taagatggaa	gcgttttttg	ggtcgcggtc	cggacttttg	gcgggggggc	cggccccagg	60
acagttttac	cgcattccat	ccactcccga	ttccttcctg	gatccggcgt	ctgcacttta	120
cagaggtcca	atcacgcgga	cccagaaccc	catggtgacc	gggacctcag	tcctcggcgt	180
taagttcgag	ggcggagtg	tgattgccgc	agacatgctg	ggatcctacg	gntccttggn	240
tcgtttccgc	aacatctntc	gcattatgcy	agtcaacaac	agtaccatgc	tgggtgcctn	300
tggcgactac						310

<210> 115

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 115

nttnagatac	aagctacttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
ggaacctcta	tgctggggac	tattaccgtg	tgcagggccc	gggcagtgct	gcccacccgc	120
tggatggcct	gggagtgcat	cctcatgggg	aagttcacga	ctgcgagtga	cgtgtgggcc	180
tttggtgtga	ccctgtggga	ggtgctgatg	ctctgtaggg	cccagccctt	tgggcagctc	240
accgacgagc	aggtcatcga	gaacgcgggg	gagttcttcc	gggaccaggg	ccggcaggtg	300
tacctgtccc	ggcgcgcctg	ctgcccgcag	ggcctatatg	agctgatgct	tcggtgctgg	360

agccgggag	ctgagcagcg	accacccttt	tcccagctgc	atcgggttcct	ggcagaggat	420
gcactcaaca	cggtgtgaat	cacacatcca	gctgcccctc	ctcagggagc	gatccagggg	480
aagccaagtga	cactaaaaca	agaggacaca	atggcacctc	tgcccttccc	tcccagacagc	540
ccatcacctc	taatagaggc	agtgagactg	cangtgggct	gggcccaccc	agggagctga	600
tgcccttct	ccccttcctg	gacacactct	catgtcccct	tnctgttctt	ccttnctaaa	660
accctgtcg	ccaccactgg	tcctgtggat	nggatctttt	ncacct		706

<210> 116

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 116

tnntttagan	acagctcttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gagtaaatac	tcactacgcc	anacgtttac	actncaccct	caaaaagctag	aaaccagtgc	120
ctgaaagaaa	ctccaattaa	aataccagta	aattcancag	gaacagacaa	gttaatgaca	180
ggtgtcatta	nccctganag	gcggtgccgc	tcagtggaaat	tggatcttaa	ccaagcacat	240
atggaggaga	ctccaaaaag	aaagggagcc	aaagtgtttg	ggagccttga	aagggggttg	300
gataaggtta	tcactgtgct	caccaggagc	aaaaggaagg	gttctgccag	agacgggccc	360
agaagactna	agcttcacta	taatgtgact	acaactagat	tagtgaatcc	agatcaactg	420
ttgaatgaaa	taatgtctat	tcttccaaag	aagcatgttg	actttgtaca	aaagggttat	480
acactgaagt	gtnaaacaca	gtcagatttt	gggaaagtga	caatgcaatt	tgaattanaa	540
gtgtncacc	ttcaaaaacc	cgatgtgggtg	ggtatcanga	ngcaacggct	taagggcgat	600
gcctgggttt	acaaaagatt	agtggaagac	atcctatcta	gctgcaaggt	ataattgatg	660
gattcttcca	tnctgccnga	tgaatgtggg	tgtgatacan	cctacataaa	aactgttatg	720
atcgcttttg	a					731

<210> 117

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 117

tttnantntt	accnntntcg	antccgtgct	gtcggaaagt	ggtactacca	gatagaaant	60
ctgaaatngg	aaattggagg	ccaaagcctt	aatctggact	gcagagagta	taacgcanac	120
aaggccatcg	tggacagtgg	cncacgctg	ctgcgcctgc	cccanaaggt	gtttgatgcg	180
gtggtggaag	ctgnngcccg	cgcactctntg	attccagaat	tctctgatgg	nttctggact	240
gggtcccagc	tggcgtgctg	gacgaattcn	gaaacacctt	ggncttactt	ncctaaaatc	300
tccatctacc	tganagatga	naactccagc	aggtcattcc	gtatcacaat	cctgcctcag	360
ctttacattc	acctatgatg	ggggccggcc	tgaattatga	atgttaccga	ttcggcattt	420
ncccatccac	aaatgcgctg	gngatcgggtg	ccacgngat	ggagggcttc	tacgtcatct	480
tcgacagacc	cataagaagg	tgggcttttna	acgaaccctt	gtgcaaaaat	tgcaagtgc	540
gnantgnntg	aaatttccgg	gcctttctca	acagaagatg	taaccagcaa	ctgtgtcccc	600
ctcaatnttt	tganccgacc	caatttnggg	ggatnggggn	cctatgcccc	tcatgaaccg	660
tttggttgag	nccatccctc	ctttgtcntt	aaatcgcccc	ttgcttgctt	gntggccgtt	720
tcccgggtgtg	taagcggtaa	agnccccgtg	gaaccttgag	gnccgtccaa	tggatgaaat	780
tcctctctng	gacaaaaaat	ttncttggga	aattgaatta	c		821

<210> 118

<211> 898

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(898)
 <223> n = A,T,C or G

<400> 118
 gtcnncttga aaccttnaac acttccgttg ctgtcgggtcc taatgtgtca gcagcaaadc 60
 cccgaggtgt cttcatgatg tgcacccac cccccaatgt gacagggtcc ctgcacctgg 120
 gccatgcaact naccaacncc atccaggact cctgactcg atggcacccg atgctgtggg 180
 agaccaccct gtggaaccct ggctgtgacc atgcagggtat tgccaccag gtggtgtgtg 240
 agaagaagct atggcgtgag canggactga gccggcacca gctgggccgc gaggcctttc 300
 tacaggaagt ctggaagtgg aaggaggaga aagggtgaccg gatttaccac cagttgaaga 360
 agctttggca ngctccttgg actggggatc nagcctgttt caccatggac cctaaanctc 420
 tcancaggct gttgacanaa gcctttgtcc ggcttcacga ggaaaggcaa tcatctantc 480
 gcaatacccg ccttgtaaac tggttctgca ccctcaantt ccggncaatnt tttgacattt 540
 gaaggtggga taanaaaggaa ancttganaa gggtccgcaa cccttgntnt tncgttgect 600
 tggntctacca anggnagaaa ggnngggaag ttctggggtt ccttnnntgt tccttttgcc 660
 cttattaaag gttcccaaan gtntntnnga atnnccctaa caaatggaan gttngttgng 720
 ttgggccaaa canacttcgg gtntcggaag naaaaattnn ttgggaagaa nnntgggctt 780
 nntacctntn nncctctnta aannaatact ngtaatccca accatccttn caanngggaa 840
 angaantngg atnncaacca attcctggtt tcngaaanct ttcccatng ttttgat 898

<210> 119
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 119
 gccctgcaca aggtgggcca gatcgtgttt gagttcgttg gcgagcctga gctcatggac 60
 gtgcatgtct tctgcacaga cagcatccag gggacccccg tggagagcga cgaaatgcgc 120
 ccatgctggt tccagctgga tcagatcccc ttcaaggaca tgtggcccga cgacagctac 180
 tggtttccac tctgtctca gaagaagaaa ttccacgggt acttcaagtt ccagggtcag 240
 gaca 244

<210> 120
 <211> 247
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 120
 atacatgcaa atgcccttg ttcactgtg tcttctgcaa actagtctca tgaagaattc 60
 tggcgtgcaag ccagggtagc tgaagtgttg gtctgggact ggagattggc cattaggcct 120
 cctgagattc cagctccctt ccaccaagcc cagtcttgct acgtggcaca gggcaaanct 180
 gacttccttt ggggctcagt ttccctncct tnatgaaatg aaaagatact actttttctt 240
 gttgnt 247

<210> 121
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 121

gtttcatcca	agtgcctgtc	tatactgggt	cagctgtatg	gaggggaaaa	cccggacagc	60
ctctctcctg	aaaatgtgga	aatttttgct	cattttactga	catccaagga	ggacccaaag	120
gagcagaagc	ttctgttaag	gattctcaga	agaatgatca	cctccaatga	gaagcacttg	180
gagagcctca	agaatgcagg	cagcctcctg	cgggctctgg	agcggctggc	ccctgggagt	240
ggttcatttg	ccgacagtgc	ggtggctccc	ttggccctgg	aaatcctcca	agccgttggg	300
cac						303

<210> 122
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 122						
gcaggtggtg	gaaaagcaga	accttagcaa	agaggagctg	atagcggagt	gcaggtgacc	60
gctgatgtca	tcaacgcagc	tgagaaactc	caggtgggtg	gcagggctgg	cacaggtgtg	120
gacaatgtgg	atctggaggc	cgcaacaagg	aagggcatct	tggttatgaa	cacccccaat	180
gggaacagcc	tcagtgccgc	agaactcact	tgtggaatga	tcattgtgct	ggccaggcag	240
attccccagg	cgacggttcg	ntgaaggacg	gcaaattggga	gcggaagaag	ttcatgg	297

<210> 123
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 123						
tcgntcgatt	cggccgagga	tggcacctca	ggctgagggc	cccaatgtat	gtgtggctgt	60
gggtgtgggt	gggagtgtgt	ctgctgagta	aggaacacga	ttttcaagat	tctaaagctc	120
aattcaagtg	acacattaat	gataaactca	gatctgatca	agagtccgga	tttctaacag	180
tccttgcttt	ggggggtgtg	ctgacaactt	agctcagggtg	ccttacatct	tttctaataca	240
cagtgttgca	tatgagcctg	ccctcactcc	ctctgcagaa	tccctttgca	cctgagaccc	300
tactgaagtg	gctggtagaa	aaaggggcct	gagtggagga	ttatcagtat	cacgatttgc	360
aggattccct	tctgggcttc	attctggaaa	cttttggttag	ggctgctttt	cttaagtgcc	420
cacatttgat	ggaggggtgga	aataatttga	atgtatttga	tttataagtt	tttttttttt	480
gggttaaaaag	atggtttag	catttaaaat	ggaaaatttt	ctccttggtt	tgctagtatc	540
ttgggtgtat	tctctgtaag	tgtagctcaa	ataggtcatc	atgaaagggt	aaaaaagcga	600
ngtggccatg	ttatgctggt	ggttaaagcc	anggcctctc	caaccactgt	gccactgact	660
tgctgtgtga	ccctggcaag	tcacttaact	ataaggngcc	ccaatttnct	tctgttnaaa	720
tgggggataa	taataacctga	cctacctcaa				750

<210> 124
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 124

tttttaaccc	cattcgantc	gcacgaggat	ggcacctcag	gctgagggcc	ccaatgtatg	60
tgtggctgtg	ggtgtgggtg	ggagtgtgtc	tgctgagtaa	ggaacacgat	tttcaagatt	120
ctaaagctca	attcaagtga	cacattaatg	ataaactcag	atctgatcaa	gagtccggat	180
ttctaacagt	ccttgctttg	gggggtgtgc	tgacaactta	gctcaggtgc	cttacatctt	240
ttctaatac	agtgttgc	atgagcctgc	cctcactccc	tctgcagaat	ccctttgcac	300
ctgagaccct	actgaagtgg	ctggtagaaa	aaggggcctg	agtggaggat	tatcagtatc	360
acgatttgca	ggattccctt	ctgggcttca	ttctggaaac	ttttgttagg	gctgcttttc	420
ttaagtgtcc	acatttgatg	gaggggtggaa	ataatttgaa	tgtatttgat	ttataagttt	480
tttttttttg	ggttaaaaaga	tggttgtagc	atttaaaatg	gaaaattttc	tccttggttt	540
gctagtatct	tgggtgtatt	ctctgtaa	gtagctcaaa	taggtcatca	tgaaagggta	600
aaaaagcgag	gtggccatgt	tatgctgggt	gttaaagcca	gggcctcttc	naccactgtg	660
ccactgactt	gctgtgtgac	cctgggcaag	tcacttaact	ataagggccc	caattttcct	720
tctgttnaaa	aggggataat	aatactgcct	acctcg			756

<210> 125

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 125

gnnnnnntttn	nnnttttgaa	cccgnnttgan	tccgttgctg	tcgacctggt	ccagcagcag	60
ccccctcgc	agccgcagcc	gcagccgcag	ctccagcccc	aaccccagcc	tcagcctcag	120
ccgcaacccc	agccccaatc	acaaccccag	cctcagcccc	aacccaagcc	tcagccccag	180
cagctccacc	cgtatccgca	tccacatcca	catccacact	ctcatcctca	ctcgcaccca	240
caccctcacc	cgcacccgca	tccgcaccaa	ataccgcacc	cacacccaca	gccgcactcg	300
cagccgcacg	ggcaccggct	tctccgcagc	acctccaact	ctgcctaaaa	ggggcagctc	360
ccgggcaaga	caaggttttg	aggacttgag	gaagtgggac	gagcacattt	ctattgtctt	420
cacttgatc	aaaagcaaaa	cagtctctcc	gccccgcacc	agatcaagta	gtttggacat	480
caccctactg	aaaacttgcg	attcttctta	gttttctgca	tacttttcat	cacgatgcag	540
gaaacgattt	cgagtcaaga	agacttttat	ttatgaacct	ttgaaaggat	cgtcttgtat	600
ggtgaatttt	ctaggagcga	tgatgtactg	naattttatt	ttaatgtatt	ttgatttatg	660
attattttatt	agtttttttt	taaatgcttg	gttctaagaa	cattttttgga	atgtagacca	720
ttttttccaa	aaaanggaaa	cttttatatt	tcaaaaaaac	ctnaatcccc	ggaggtaaat	780
ttnccttaat	ctt					793

<210> 126

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 126

ttgaaacccg	ntcgattccg	tgtgtgtcgac	ctgggtccagc	agcagccccc	ctcgcagccg	60
cagccgcagc	cgcagctnca	gccccaaacc	cagcctcagc	ctcagccgca	accccagccc	120
caatcacaa	cccagcctca	gccccaaacc	aagcctcagc	cccagcagct	ccacccgtat	180
ccgcatccac	atccacatcc	acactctcat	cctcactcgc	accacacacc	tcacccgcac	240
ccgcatccgc	accaaatacc	gcacccacac	ccacagccgc	actcgcagcc	gcacgggcac	300
cggcttctcc	gcagcacctc	caactctgcc	taaaaggggc	agctcccggg	caagacaagg	360
ttttgaggac	ttgaggaagt	gggacgagca	catttctatt	gtcttctactt	ggatcaaaaag	420
caaaacagtc	tctccgcccc	gcaccagatc	aagtagtttg	gacatcacc	tactgaaaac	480
ttgcgattct	tcttagtttt	ctgcatactt	ttcatcacga	tgcaggaaac	gatttctgagt	540

caagaagact	tttatttatg	aacctttgaa	aggatcgtct	tgtatggtga	atcttctagg	600
agcgatgatg	tactgtaatt	ttattttaat	gtattttgat	ttatgattat	ttattagttt	660
tttttttaaa	tgctnggtct	aagacatttt	ttgaatgtag	gaccattttc	caaaaaggaa	720
acttttattt	tttcaaaaac	cttaatccgn	aagtaaattc	ctnaatctt		769

<210> 127
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 127						60
cctcgntcgn	tcggcacgag	gaaatgttca	tggtatcaat	tttgtcagtc	ctgttcgaaa	120
ccaagcatcc	tgtggcagct	gtactcatt	tgcttctatg	ggtatgctag	aagcgagaat	180
ccgtatacta	accaacaatt	ctcagacccc	aatcctaagc	cctcaggagg	ttgtgtcttg	240
tagccagtat	gctcaaggct	gtgaaggcgg	cttcccatac	cttattgcag	gaaagtacgc	300
ccaagatttt	gggctggtgg	aagaagcttg	cttcccctac	acaggcactg	attctccatg	360
caaaatgaag	gaagactgct	ttcgttatta	ctcctctgag	taccactatg	taggagggtt	420
ctatggaggc	tgcaatgaag	ccctgatgaa	gcttgagttg	gtccatcatg	ggcccatggc	480
agttgctttt	gaagtatatg	atgacttcct	ccactacaaa	aaggggatct	accaccacac	540
tggtctaaga	gaccctttca	acccctttga	gctgactaat	catgctgttc	tgcttggtgg	600
ctatggcact	gactcancct	ctgggatgga	ttactggatt	gttaaaaaca	agctggggca	660
cccgtggtgg	tgagaatggc	tactttcnga	tncncaaaag	aactgatgag	tgtgcaattg	720
anagcatanc	antggcagcc	caccaatttc	taaattgtag	ggnatgnctt	ccaatatttn	752
ataatgatct	ggatcanntg	naaaagggga	at			

<210> 128
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 128						60
tcgntcgnnt	cggcacgagg	aaatgttcat	ggtatcaatt	ttgtcagtc	tggtcgaaac	120
caagcatcct	gtggcagctg	ctactcattt	gcttctatgg	gtatgctaga	agcgagaatc	180
cgtataactaa	ccaacaattc	tcagacccca	atcctaagcc	ctcaggagg	ttgtgtcttg	240
agccagtatg	ctcaaggctg	tgaaggcggc	ttcccatacc	ttattgcagg	aaagtacgcc	300
caagattttg	ggctggtgga	agaagcttgc	ttcccctaca	caggcactga	ttctccatgc	360
aaaatgaagg	aagactgctt	tcgttattac	tcctctgagt	accactatgt	aggagggttc	420
tatggaggct	gcaatgaagc	cctgatgaag	cttgagttgg	tccatcatgg	gcccattggc	480
ggtgcttttg	aagtatatga	tgacttcctc	cactacaaaa	aggggatcta	ccaccacact	540
gggtctaagag	accctttcaa	cccctttgag	ctgactaatc	atgctgttct	gcttggtggc	600
tatggcactg	actcancctc	tgggatggat	tactggattg	ttaaaaacag	ctggggcacc	660
cgtggtgggtg	agaatggcta	ctttcngatc	ccanaagaac	tgatgagtg	gcaattgaaa	720
ncataacaat	ggcagncaca	cccaatttct	aaattgnaag	ggnattgcct	tccanatttc	754
ataatgatct	gcacantgt	aaangggaat	tggn			

<210> 129
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 129
 gnnnnnnnnnn nntttntacc tcgttcgatt tccgttgctg tcggaaaacc cccactgatg 60
 aacctgaaaa ggctgtggag gatattaatg aacatattac ccgatgctca gttagaagca 120
 atgactgaac tccatgacag aacagcagta atcaaggaga atgaaagaga gaagaggccc 180
 aagcttgaaa atctgcctga cacagaagac caagaaactg tggacattaa ttcagtcagt 240
 gaaggaaaag agaataatat aatgataacc ttagaaacaa atattgaaca taatctaaaa 300
 tctgaggaag aaaaggatca ggaaaagcaa cagatgtttg aaaataagct tataaaatct 360
 gaagaaatta aagatactat tttgcaaaca gtagatttag tttctcaaga gactggagaa 420
 aaagaggcaa atattcaggc agttgatagt gaagttgggc ttacaaagga agacacccaa 480
 gagaaattgg gggaagacga caaaactcaa aaagatgtga tcagcaatac aagtgatgtg 540
 ataggaacat gtgaggcagc agatgtggct cagaaagtgg atgaagacag tgctgaggat 600
 acgcagagta atgatgggaa agaagtggc gaagtaggcc agaaattaat taataagccc 660
 atggtgggtc ctgaggctgg tggactaag gaagttccta ttaaagaaat agttgaaatg 720
 aatgaaatag aagaaggtaa aaataaggac caagccatta acagttcana gaacataatg 780

<210> 130
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 130
 cncnnttcga attcggcacg agcccggccc ctgcagtcg gatactcacg ccagaaagtg 60
 cggctgggat ccggcggcca cctgcacctg cgtatctctc gggccgccct tcccgaaggg 120
 ctccccgagg cctcccgcct tcaccgggct ctgttccggc tgtccccgac ggcgtcaagg 180
 tcgtgggacg tgacacgacc tctgcggcgt cagctcagcc ttgcaagacc ccaggcgccc 240
 gcgctgcacc tgcgactgtc gccgccggc tgcagtcgg accaactgct ggcagaatct 300
 tcgtccgcac ggccccagct ggagttgcac ttgcggccgc aagccgccag ggggcgccgc 360
 agagcgcgtg cgcgcaacgg ggaccactgt ccgctcgggc ccgggcgttg ctgccgtctg 420
 cacacggtcc gcgcgtcgct ggaagacctg ggctgggccg attgggtgct gtcgccacgg 480
 gaggtgcaag tgaccatgtg catcggcgcg tgcccagacc agttccgggc ggcaaacatg 540
 cacgcgcaga tcaagacgag cctgcaccgc tgaagcccga cacggtgcca agcgccttgc 600
 tgcgtgcccg ccagctacaa tcccatgggt ctcattcaaa agaccgacac cggggtgtcg 660
 ctccaaaacc tatgatgact tgtagccaa aagactgcca cttgcatatg aacaagtcct 720
 ggtcccttca cttgtgcacc ttgcgccggg ggangcgaac ctgagttgtc ctt 773

<210> 131
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 131
 gccagacaag cctgactctg aggagcaagc caagatagca aagcttgac ttangctggg 60
 tttgctcacc tctgacgctg actgcgaaat tgagaagtgg gaagatcagg agaatgagat 120
 tgttcaatat ggacggaaca tgtccagtat ggcctattct ctgtatttat ttactagagg 180
 agaggggcca ctgaaaactt cccaggattt aattcatcaa ctagaggttt ttgctgcaga 240

gggttttaaag cttacttcca gtgttcaagc tttttcaaaa cagctgaaag acgatgacaa 300

<210> 132
 <211> 263
 <212> DNA
 <213> Homo sapiens

<400> 132
 cccaccatca cggaggccat ggtagcacgc agccggagaa gccatccctg cctcagaagc 60
 agagcagcct gaggagcagg aagcttcctg acatgggctg cagtcttcct gagcacaggg 120
 cacaccaaga agcaagccat aggcagttct gtgagtcaaa gaatggggccc ccttatcccc 180
 aggggagctgg ccagtttagat tatgggtcca aagggattcc agacacttct gagccagtca 240
 gctaccacaa ctttggagta aaa 263

<210> 133
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 133
 actccctgcc tcagcaccag cgaggagtct ttggaggggg cggcatgggg acgtatgtgc 60
 cccctggctt tccccatcca cagagcagga cctatgctac agcgttgggt caaggggcct 120
 tcctgcccgc agagttgtcc ttgcagcatc ctgaaacaca gatccatgca gaatgagccc 180
 tgcgagcaat agagttgaag cagcctctgc tggacagtgg actgttctat tttttttcaa 240
 taaccaaaaa gattaaacaa aaaatactat aaaaccctg accacattta aaaaatgata 300

<210> 134
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 134
 aagacaagat ccatgatggc tctcttagtc caacttcttt cactttgtta taaactgctg 60
 aagaagatgg aaaataacgg atgggtctca gttacaaata aggacactat ggatagtaaa 120
 acttgagaag cttttggggg cagatctctg gaacatcatg tgatgaagct gacattttta 180
 aaaatcaaatt gatcctttat cttttcagaa attcatcaat tttataaaga aaacaatatt 240
 gaaattttgc tctattttct gatcatgaaa ctgattgtaa agctttttga caactaataa 300

<210> 135
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 135
 ctgacttcca caatcctggc tatcccaagt acctgggcac ccccccacctg gaactgtact 60
 tgagtgactc acttagaaac ttgaacaaaag agcggcaatt ccacttcgct ggtatcaggt 120
 cccggctcaa ccacatgctg gctatgctgt caaggagAAC actctttact gaaaaccacc 180
 ttggccttca ttctggcaat ttcagcagag ttaatttgct tgctgttaga gatgtagcac 240
 tttatccttc ctatcagtaa ctgctccgtg ttcagactcc tggtttcttc caggcttaca 300

<210> 136
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

```

<400> 136
gactccctat acaagctctt gggattnctg caggatncna tcgattcgtc actactcagc      60
ttttggctct gtgggcgagn ggcttcgggc catcaaaatg ggaagatacg aagaaagctt      120
cgcagccgct ggctttggct ccttcgagct ggtcagccag atctctgctg aggacctgct      180
ccgaatcgga gtcactctgg cgggacacca gaagaaaatc ttggccagtg tccagcacat      240
gaagtcccag gccaaagccgg gaaccccggg tgggacagga ggaccggccc cgcagtactg      300

```

```

<210> 137
<211> 262
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

```

```

<400> 137
ggcgagagag gctggctgag gatcgtgacc agcacctata aggatgggaa gggcgccaga      60
tacaaccttg ccatcgagga gcactgtaca tttggggacc ccatcgttta aggccatgtc      120
actagaagcg cagtttaaga aaaggcatgg tgacccatga ccagagggga tcctatggtt      180
atgtgtgccca ggctggctgg caggaactgg ggtggctatc nntattgtat ggngangant      240
gtgtntctn nnnnnnanng tt                                          262

```

```

<210> 138
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 138
aattccggtt ctgtcgcacg aggccaccag ggtgactgcg ggattccgat ctgcgccgga      60
gctgcgatgc tagagcactc ttgccacccc caccacacgg acgtgttgca gtgatatcag      120
aattttgcgt gcggtttacc cgtgtttaac ctctttgcgt ctgcgttctg aatcgtatcc      180
acttgagcat cactagactg atctatttta acactggtgg ggggcagcga ggatggacag      240
attcctggtg aaaggggctc aagggggcct tttgaggaag caggaggagc aagagccaac      300

```

```

<210> 139
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 139
ggtcaggatt cagctgaaga gcaagtggga tgagtccatc ttcacgaaaag gctgcatcca      60
ggcgctggaa agctggctcc cgcggaacat ttacattgtg gctggcgtct tcatcgccat      120
ctcgtgttg cagatatttg gcatcttcct ggcaaggacg ctgatctcag acatcgaggc      180
agtgaaggcc ggccatcact tctgaggagc agagttgagg gagccgagct gagccacgct      240
gggaggccag agcctttctc tgccatcagc cctacgtcca gagggagagg agccgacacc      300

```

```

<210> 140
<211> 358
<212> DNA
<213> Homo sapiens

```

```

<400> 140
gagaattttt gggaagttgg ttttccttcc actcagactt gtatggaaaag aggttatatt      60
aaggaagatc ttgatccttg tcctcgcca aaaagacgtc agccttacia cgcaatatatt      120
tctccaaaag gcaaggagca gaagacatag acgttgaaac agaaacagaa ggatgaagga      180
cagttttttc cttcttagtt atttatagtt aaagttagta ctaaacattg atttttttga      240
tcttctgtaa atggatttat aaatcagttt tctattgaaa atgtttgtga tatttttgctt      300
ttgcaccttt aaaacaataa ggcgctttca ttttgactc taacttaaga gtttttac      358

```

<210> 141
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 141
 ggggtttcac catgttggcc aggetggtct caaactcctg acctcagggtg atccacccac 60
 ctctgtctcc caaagtgtcg ggattacagg agtgtgccac tgcgcctgac cagctttata 120
 aagtttatag ggacagtgtc accactttac agaagaggga ctgaggctct gaggaggaag 180
 ttccttgcca ggggtccgagt gtcgccaccc tgagaactcc aacacccacc tccctactct 240
 gctcatggcg tctccccac ctttccacag ccagaagttg ccagggtgaat acttccggta 300
 caagggcgtc cccttcccg tggcctgtac tgcgtcgaga gcatcaactt ggcggagAAC 360
 accca 365

<210> 142
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 142
 gccacacgca gccagggtt cacacccttc aggetgcacc cgggcaggcc tcagaacggt 60
 gaggggccag ggcaaagggt gtgtctcgct ctgccgcac tgcctctccc aggaactgga 120
 aaagccctgt ccggtgaggg ggcagaagga ctgagcgccc ctggaccccc aaatgctgca 180
 tgaacacatt ttcaggggag cctgtgcccc caggcggggg tggggcagcc ccagcccctc 240
 tccttttctt ggactctggc cgtgcgcggc agcccagggtg tttgctcagt tgcgtgaccca 300
 aaagtgttcc atttttctgt cccgccccgc gccccgggca ggccaagtca tgtgttaagt 360
 tgcgttctt tgctgtgatg tgggtggggn agaagaagta aaaca 405

<210> 143
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<400> 143
 cccgcgcccc gggcaggcca gtcattgtgtt aagttgcgct tctttgctgt gatgtgggtg 60
 ggggaggaag agtaaacaca gtgctggctc ggctgccctg aggggtgctca atcaagcaca 120
 ggtttcaagt ctgggttctg gtgtccactc acccaccaca cccccaaaa tcagacaaat 180
 gctactttgt ctaacctgct gtggcctctg agacatgttc tatttttaac cccttcttgg 240
 aattggctct cttcttcaaa ggaccaggctc ctgttctctt ttctccccga ctccacccca 300
 gctccctgtg aagagagagt taatatattt gntttattta tttgcttttt gcgttgggat 360
 gggttcgtgt ccagtcc 377

<210> 144
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 144
 ccactgccgt ctccgccgcc actgggcccc cagagcccca gccccagagc ctaggaacct 60

ggggcccgcct	cctccccccct	ccaggccatg	aggattctgc	agttaatcct	gcttgctctg	120
gcaacagggc	ttgtaggggg	agagaccagg	atcatcaagg	ggttcgagtg	caagcctcac	180
tcccagccct	ggcaggcagc	cctgttcgag	aagacgcggc	tactctgtgg	ggcgacgctc	240
atcgccccca	gatggctcct	gacagcagcc	cactggctca	attcccctac	atagttcacc	300
tgggggcagca	caacctccag	aaggaggagg	gctgtgagca	gacccggaca	gccactgagt	360
ccttccccac	cccggcttca	acaacagcct	c			391

<210> 145
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 145						
ggcacgagag	atgggtgtacc	tgctcgagtg	cctgcagaag	acacccccgc	ctgtactcat	60
ctttgcagag	aagaaggcag	acgtggacgc	catccacgag	tacctgctgc	tcaagggggt	120
tgaggccgta	gccatccatg	ggggcaaaag	ccaggaggaa	cggactaagg	ccatcgaggc	180
attccgggag	ggcaagaagg	atgtcctagt	agccacagac	gttgcctcca	agggcctgga	240
cttcctgcc	atccagcacg	tcatcaatta	tgacatgcc	gaggagattg	agaactatgt	300
acaccggatt	ggccgcaccg	ggcgctcggg	aaacacaggc	atcgccacta	ccttcatcaa	360
caaagcgtgt	gatgagtcag	tgctgatg				388

<210> 146
 <211> 366
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(366)
 <223> n = A,T,C or G

<400> 146						
tacggctgcg	agaagacgac	agaaggggtg	ttatctcttg	gtaacgaggg	ttaaaagcta	60
tgttcatttt	cctcttctat	ctgcattttt	taaattttct	ataaagatca	tgaattttgt	120
catttcaaaa	gttaacaaa	gctggggcgc	ggggctcacg	cctgtaatcc	cagcactttg	180
ggaggccgag	gcggccggat	cacaaggcca	ggagatcgag	accatcttgt	ctaacacggt	240
gaaaccccg	ttctactaaa	aatacacaaa	attagccggc	cgccgttgcg	atctcttgta	300
atttccaaaa	ctcgggatgc	ttaagcttta	taattcgggg	cacttgtttg	tccgcccttc	360
aatttn						366

<210> 147
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 147						
tacggctgcg	agaagacgac	agaagggggc	tttccactat	ggcttccagc	actgtcccgg	60
tgagcgctgc	tggtcgggct	aatgaaactc	ccgaaatacc	ggacaacgtg	ggagattggc	120
ttcggggcgt	ctaccgcttt	gccactgata	ggaatgactt	ccggagggaac	ttgatactaa	180
atttgggact	ctttgctgcg	ggagtgtggc	tggccaggaa	cttgagtgc	attgacctca	240
tggcacctca	gccaggggtg	tagccaagta	gacaaatgga	atcctgtgct	gaacccgaat	300
cttccaaaaa	acagcctaca	atctgtggcc	accacaagat	gtgccctgat	ggcn	354

<210> 148
 <211> 351

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G

<400> 148
tacggctgcg agaagacgac agaagggagt tgcagctgat atgaatgaat gctgtctgtg 60
tggaacaagc gtcgcaatga ggactctcta caggaccoga tatggcatcc ctggatctat 120
ttgtgatgac tatatggcaa ctctttgctg tcctcattgt actctttgcc aaatcaagag 180
agatatcaac agaaggagag ccatgcgtac tttctaaaaa ctgatgggtga aaagctctta 240
ccgaagcaac aaaattcagc agacacctct tcagcttgag ttcttcacca tcttttgcaa 300
ctgaaatatg atggatatgc ttaagtacaa ctgatggcat gaaaaaaatc n 351

<210> 149
<211> 414
<212> DNA
<213> Homo sapiens

<400> 149
tacggctgcg agaagacgac agaaggggag agtcactcct gccttcacca tgaagtcag 60
cggcctcttc cccttcctgg agctgcttgc cctgggaact ctggcacctt gggctgtgga 120
aggctctgga aagtccttca aagctggagt ctgtcctcct aagaaatctg cccagtgcct 180
tagatacaag aaacctgagt gccagagtga ctggcagtgt ccagggaaga agagatgttg 240
tcctgacact tgtggcatca aatgcctgga tcctgttgac accccaaacc caacaaggag 300
gaagcctggg aagtgccag tgacttatgg ccaatgtttg atgcttaacc cccccaattt 360
ctgtgagatg gatggccagt gcaagcgtga cttgaagtgt tgcattgggca tgtg 414

<210> 150
<211> 380
<212> DNA
<213> Homo sapiens

<400> 150
tacggttgcg agattacgac agaagggggg aggttggcga ggctttgctg aaagctagca 60
aaccgagcga tcatgtcgca caaacaatt tactattcgg acaaatacga cgacgaggag 120
tttgagtatc gacatgtcat gctgcccag gacatagcca agctgggtccc taaaacccat 180
ctgatgtctg aatctgaatg gaggaatctt ggcgttcagc agagtcaggg atgggtccat 240
tatatgatcc atgaaccaga acctcacatc ttgctgttcc ggcgccact acccaagaaa 300
ccaaagaaat gaagctggca agctactttt cagcctcaag ctttacacag ctgtccttac 360
ttcctaacat ctttctgata 380

<210> 151
<211> 396
<212> DNA
<213> Homo sapiens

<400> 151
tacggctgcg agaagacgac agaaggggag atgaatgcgg ctgttaagac ctgcaataat 60
ccagaatggc tactctgatc tatgttgata aggaaaatgg agaaccaggc acccgtgtgg 120
ttgctaagga tgggctgaag ctggggtctg gaccttcaat caaagcctta gatgggagat 180
ctcaagtttc aacaccacgt tttggcaaaa cgttcgatgc cccaccagcc ttacctaaag 240
ctactagaaa ggctttggga actgtcaaca gagctacaga aaagtctgta aagaccaagg 300
gacccctcaa acaaaaacag ccaagctttt ctgccaaaaa gatgactgag aagactgtta 360
aagcaaaaag ctctgttcct gcctcagatg atgcct 396

<210> 152
<211> 336

```

<212> DNA
<213> Homo sapiens

<400> 152
tacggctgcg agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtacggc      60
tgcgagaaga cgacagaagg gtacgggctgc gagaagacga cagaagggtta cggctgcgag      120
aagacgacag aagggctgta atccctgcac tttgggagggc tgaggcaggc ggatcacctg      180
aagccaggag ttcaaaatca gcctgaccaa catggagaaa ccccatctct actaaaaata      240
caaaattagc cgggcatggt ggtggcgcat gcctgtaatc ccagctactc gggaagctga      300
ggcaggagaa tcacttgaac ctgggatgtg gaggct                                     336

<210> 153
<211> 340
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 153
tacggttgcg agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtacggc      60
tgcgagaaga cgacagaagg gtacgggctgc gagaagacga cagaagggtta cggctgcgag      120
aagacgacag aagggctgta atccctgcac tttgggagggc tgaggcaggc ggatcacctg      180
aagccaggag ttcaaaatca gcctgaccaa catggagaaa ccccatctct actaaaaata      240
caaaattagc cgggcatggt ggtggcgcat gcctgtaatc ccagctactc gggaagctga      300
ggcaggagaa tcacttgaac ctgggatgtg gaggttgcgn                               340

<210> 154
<211> 339
<212> DNA
<213> Homo sapiens

<400> 154
tacggctgcg agaagacgac agaagggaac aatgcatgat gctgttttgc atattttgat      60
gaagaaagat tacagtactt caaagtttaa tcccagtcag gaaaaagatg gaaaaattga      120
ttttaccata aatacaaatg gaggattacg taatcgggta tatgaggtgc cagttgaaac      180
aaaattctaa tcaacatata attcagaagg atcttcatct gactatgaca taaaaacaac      240
tttataccca gaaagttatt gataagttca tacattgtac gaagagtatt tttgacagaa      300
tatgtttcaa actttggaac aagatgggtc tagcatggc                               339

<210> 155
<211> 403
<212> DNA
<213> Homo sapiens

<400> 155
tacggctgcg agaagacgac agaaggggag ttgcagtcgg gttctccgag ttcctgtctc      60
tctgccaacg ccgcccggat ggcttcccaa aaccgcgacc cagccgccac tagcgtcgcc      120
gccgcccgtg aaggagctga gccgagcggg ggcgcgcgcc ggggtccggt gggcaaaagg      180
ctacagcagg agctgatgac cctcatgatg tctggcgata aagggatttc tgccttcctt      240
gaatcagaca accttttcaa atgggtaggg accatccatg gagcagctgg aacagtatat      300
gaagacctga ggtataagct ctcgctagag ttccccagtg gctaccctta caatgcgccc      360
acagtgaagt tcctcacgcc ctgctatcac cccaacgtgg acc                                     403

<210> 156
<211> 396
<212> DNA
<213> Homo sapiens

```

```

<400> 156
tacggctgcg agaagacgac agaaggggat tgagtaatgg gatttgaatc aatgtattaa      60
tatctccata gctgggaaac gtgggttcaa tttgccattg gtttctgaaa gtattcacat      120
catttgggat accagatagc tcaatactct ctgagtacat tgtgcccttg atttttatct      180
ccaagtggca gtttttaaaa ttggcctttt acctggatat aaattaattg tgccctgccac      240
caccatccaa cagacctggt gctctaattgc caagttatac acgggacagt tgctggcatg      300
tcttcattgg ctatataaaa tgtggccaag aagataggct ctgagtaaga agtctgatgg      360
tgagcagtaa ctgtccctgc tttctggtat aaagct                                396

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```

<210> 157
<211> 362
<212> DNA
<213> Homo sapiens

```

```

<400> 157
tacggctgcg agaagacgac agaagggata tcaatgtttg cttgttccca cctctaacc      60
aaggaaaaaa gagaaaacat actatgcaaa ggaagttaa acttaagttt tccttaagg      120
tcagcccaac aatgactttc agtcaaattg attaaactgg aaaatgtttt tgtttctgtt      180
gtaaacagat cctcctaggc gaaagttttt tttggtgggt tgcttttaaa ttagtttatt      240
tctaaatctt agtcttccac atttctagag gccacctgac acaagtccct gtatctgaag      300
tctagcatct caaggctgat ctggaagagc gctagaatgc tccctagcgg ataacttagt      360
ct                                362

```

```

<210> 158
<211> 379
<212> DNA
<213> Homo sapiens

```

```

<400> 158
tacggctgcg agaagacgac agaagggagc catatgaaga caccctagct ggacgatcag      60
tccttgtcaa aagtctgacc cctcaaactc tacagcctca atggaccaga ccctaccgg      120
tcatttatag cacaccaact gccgtccatc tgcaggaccc tctccattgg gttcaccatt      180
ccagaataaa gccatgcccc tcagacagcc agcttgatct ctctcttcc tctggaagc      240
cacaagatta ggccgagagc cgatcagaca aacaacctac aaccttaag ctctgggcag      300
cgcccagcca aggccatgct tccatgcaac actccttcca aatggccatc ccagcatgct      360
tccaagcagg cttcatccg                                379

```

```

<210> 159
<211> 384
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

```

```

<400> 159
tacggctgcg agaagacgac agaaggggag agctctcagc gccgctccca gccacagcct      60
cccgcgcctc gctcagctcc aacatggcaa aaatctccag ccctacagag actgagcgg      120
gcacgcagtc cctgattgct gtcttccaga agtatgctgg aaaggatggg tataactaca      180
ctctctccaa gacagagttc ctaagcttca tgaatacaga actagctgcc ttcacaaaga      240
accagaagga ccctgggtgct cttgaccgca tgatgaagaa actggacacc aacagtgatg      300
gtcagctaga tttctcagaa tttcttaatc tgattgtggc ctagctatgg cttgccatga      360
ctccttcttc aaggctggcc cttn                                384

```

```

<210> 160
<211> 391
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(391)

<223> n = A,T,C or G

<400> 160

tacggttgcg	agaagacgac	agaacggtac	cgctgggaga	ggaccacaga	agggggcttc	60
cgggtcgtac	gcgctanctc	tgggcgcaga	ggtttctggg	agccaagagt	ggtaatggcg	120
tctgtatgat	cttcggagcc	tgctgcatcg	gacctcggcc	agtcataaaa	gatgacaaca	180
gcagccaggc	caacctttga	acctgccaga	ggtggaagg	gaaaaggaga	aggtgatttg	240
agccaaacttt	caaagcagta	ttcaagcaga	gacctaccct	ctcatacaaa	gataaaatac	300
agacagacta	ctcaggatgc	ccctgaagag	ggtcgtaacc	gtgacttcac	gagagagttg	360
gaagaaagag	agagagctgc	tgcaagagaa	n			391

<210> 161

<211> 389

<212> DNA

<213> Homo sapiens

<400> 161

tacggctgcg	agaagacgac	agaagggcaa	gaaaacttac	gaacaacccc	atctccagac	60
aaaggaagag	caacggaaga	aacgcgagca	agaacgaaag	gagaagaaag	caaaggtttt	120
gggaatgcga	aggggcctca	ttttggctga	agattaataa	ttttttaaca	tcttgtaaata	180
attcctgtat	tctcaacttt	tttccttttg	taaatttttt	ttttttgctg	ccatccccac	240
tttagtcacg	agatcttttt	ctgctaactg	ttcatagcct	gtgtagggcc	catgggttct	300
tcatgggcta	tgatctctga	aaagacgtta	tcaccttaaa	gctcaaattc	tttgggaggg	360
tttttactta	agcccattac	caatttcag				389

<210> 162

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 162

tacggctgcg	agaagacgac	agaagggtac	ggctgcgaga	agacgagaga	aggggtacggc	60
tgcgagaaga	cnacagaagg	gtacggctgc	gagaagacga	cagaagggtg	cggctgcgag	120
aagacgacag	aagggtacgg	ctgcgagaag	acgacagaag	ggaacggatg	agcacgatct	180
catgttgctg	aagctggcca	ggcccgtagt	gctggggccc	cgctccggg	ccctgcagct	240
tccctaccgc	tgtgctcagc	ccggagacca	gtgccagggt	gctggctggg	gcaccacggc	300
cgcccggaga	gtgaagtaca	acaagggcct	gacctgctcc	agcatcacta	tcctgagccc	360
taaagagtgt	gaggtcttct	accctggcgt	gg			392

<210> 163

<211> 382

<212> DNA

<213> Homo sapiens

<400> 163

tacggctgcg	agaagacgac	agaagggggc	tctcgctcgg	gcttttctggc	gccatcttgg	60
ttccgcgttc	cctgcacaaa	atgcccggcg	aagccacaga	aaccgtccct	gctacagagc	120
aggagttgcc	gcagccccag	gctgagacaa	ggtctggaac	agaatctgac	agtgatgaat	180
cagtaccaga	gcttgaagaa	caggattcca	cccaggcaac	cacacaacaa	gcccagctgg	240
cggcagcagc	tgaaatcgat	gaagaaccag	tcagtaaagc	aaaacagagt	cggagtga	300

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agaagggcacg gaaggctatg tccaaaactgg gtcttcggca ggttacagga gttactagag      360
tcactatccg gaaatctaag ag                                     382

<210> 164
<211> 407
<212> DNA
<213> Homo sapiens

<400> 164
tacggctgcg agaagacgac agaagggcaa gctccaggac atgcaagaga tcatctccca      60
ctatgaggag gaactggcgc agctacgcc cgaactggag cggcagaaca atgaatacca      120
agtgctgctg ggcatacaaaa cccacctgga gaaggaaatc accacgtacc gacggctcct      180
ggagggagag agtgaaggga cacgggaaga atcaaagtcg agcatgaaag tgtctgcaac      240
tccaaagatc aaggccataa cccaggagac catcaacgga agattagtctc tttgtcaagt      300
gaatgatatc caaaagcacg catgagacca atgaaagttt ccgcctgttg taaaatctat      360
tttcccccaa ggaaagtcct tgcacagaca ccagtgagtg agttcta                    407

<210> 165
<211> 407
<212> DNA
<213> Homo sapiens

<400> 165
tacgtcttcg ataagacgac agaaggggag acgttcgcac acctgggtgc cagcgcccca      60
gaggtcccgg gacagcccga ggcgcgcgc cgcgcgccc gagctccca agccttcgag      120
agcggcgcac actcccggtc tccactcgct cttccaacac ccgctcgttt tggcggcagc      180
tcgtgtccca gagaccgagt tgccccagag accgagacgc cgccgctgctg aaggaccaat      240
gagagccccg ctgctaccgc cggcgccggt ggtgctgtcg ctcttgatac tcggctcagg      300
ccattatgct gctggattgg acctcaatga cacctactct gggaagcgtg aaccattttc      360
tggggaccac agggctgatg gatttgaggt tacctccaga agggagg                    407

<210> 166
<211> 366
<212> DNA
<213> Homo sapiens

<400> 166
tacggctgcg agaagacgac agaaggggag agcttttgaa aggcggcggg aggcggcggag      60
cgccatggcc agtccgggct gcctgctgtg cgtgctgggc ctgctactct gcggggcggc      120
gagcctcgag ctgtctagac cccacggcga caccgccaag aagcccatca tcggaatatt      180
aatgcaaaaa tgccgtaata aaggcatgaa aaactatgga agatactata ttgctgcgtc      240
ctatgtaaaag tacttgaggt ctgcaggcgc gagagtgtga ccagtaaggc tggatcttac      300
agagaaaagac tatgaaatac ttttcaaadc tattaatgga atccttttcc ctggaggaag      360
tgttgg                                     366

<210> 167
<211> 392
<212> DNA
<213> Homo sapiens

<400> 167
tacggctgcg agaagacgac agaagggggc gcattcttac ctgtcggggg gcggcgagtg      60
tctcacctct ctgcaattcc aaggactctt gtcactctgcc ttaggcggga aatgctgttg      120
ctggattgca accccgaggt ggatggtctg aagcatttgc tggagacagg ggcctcggtc      180
aacgcacccc cggatccctg caagcagtcg cctgtccact tagccgcagg aagcggcctt      240
gcttgctttc ttctctggca gctgcaaacg ggcgctgacc tcaaccagca ggatgtttta      300
ggagaagctc cactacacaa ggcagcaaaa gttggaagcc tggagtgcct aagcctgctt      360
gtagccagtg atgccccaaat tgatttatgt ag                                     392

<210> 168

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<211> 392
 <212> DNA
 <213> Homo sapiens

<400> 168
 tacggctgcg agaagacgac agaaggggaa atgtgctcat agccaaaaca ttttactctc 60
 tcctcctaga atgctgccct tgacatttcc cattgctgta tgttatttct tgctctgtta 120
 tcttttgccc tcttagaatg tccctctctt gggacttgct tagatgatgg gatatgaata 180
 ttattagaca gtaattttgc tttccatcca gtatgctagt tcttattcga gaactatggg 240
 cagagcgtat ttggatatga gtatcctttg cttatctttg tagtactgaa aatttgccga 300
 agtaactggc tgtgcagaat gtaatagaag cttttcttat tcttttattc ttaagatcga 360
 gatcttttta cagcattctt tctacatgat cg 392

<210> 169
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 169
 tacggcttcg ataagacgac agaagggggc tttttataat actgtgtaaa tagtgaccat 60
 ctcatgggca ttgttttctt ctctgctttg tctgagggtt gactctgctt tcttttgtct 120
 ttaaaacctg atttttaagt tcttctgaac tgtagaaata gctatctgat cacttcagcg 180
 taaagcagtg tgtttattaa ccattccacta agctaaaact agagcagttt gattttaaag 240
 tgtcactcct cctccttttc tactttcagt agatatgaga tagagcataa ttatctgttt 300
 tatcttagct gtatacataa tttaccatca gatagaactg tatggttcta gtacagaaac 360
 tctactaccc tcagcctctt atgtgccaaag atttctttag 400

<210> 170
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 170
 tacggctgcg agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtgctc 60
 tgaaggcaca gacttggaag caccagctgg aagaagaact gagacagcag aaagaagcag 120
 cttgtttcaa ggctcgcca aacacgctca tctctcagga gccctttgtt cccaagaaag 180
 agaagaaatc agttgctgag ggcttttctg gttctctagt tcagggaacct tttcagctgg 240
 ctactgagaa gagagccaaa gagcggcagg agctggagaa gagaatggct gaggtagaag 300
 cccagaaagc ccagcagttg gaggaggcca gactacagga ggaagagcag aaaaaagagg 360
 agctggccag gctacggaga gaactg 386

<210> 171
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 171
 tacggctgcg agaagacgac agaaggggac agtgcttggt cggggcgctc cgctggcttc 60
 ttggacaatt gcgccatgtg tgctgctcgg ctagcggcgg cggcggccca gtcggtgtat 120
 gccttctcgg cgcgccgct ggccggcggg gagcctgtga gcctgggctc cctgcggggc 180
 aaggtactac ttatcgagaa tgtggcgctc ctctgaggca ccacgggccg ggactacacc 240
 cagatgaacg agctgcagcg ggcctcggga ccccggggcc tgtgggtgctc ggcttcccgt 300
 gcaaccagtt tgggcatcag gagaacgcca agaacaaaga gattctgaat tccctcaagt 360
 acgtgcggcc cn 372

<210> 172
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 172
 tacggctgcg agaagacgac agaaagggac agtgcttggt cggggcgctg cgctggcttc 60
 ttggacaatt gcgccatgtg tgctgctcgg cttagcggcg cggcggccca gtcggtgtat 120
 gccttctcgg cgcgcccgct ggccggcggg gagcctgtga gcctgggctc cctgcggggc 180
 aaggtactac ttatcgagaa tgtggcggtg ctctgaggca ccacgggtcc ggactacacc 240
 cagatgaacg agctgcagcg gcgcctcgga ccccgggggc tggagggtgt cggtctcccg 300
 tgcaaccagt ttgggcatca ggagaacgcc aagaacaaag agattctgaa ttccctcaag 360
 tacgtccggc cctgtggggg 380

<210> 173
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 173
 tacggctgcg agaagacgac agaaagggct ttctctctcc tcccgcgcgc caagatgccg 60
 aaaggaaaga aggccaagg aaagaaggtg gctccggccc cagctgtcgt gaagaagcag 120
 gaggctaaga aagtgttgaa tcccctgttt gagaaaaggc ctaagaattt tggcattgga 180
 caggacatcc agcccaaaag agacctcacc cgctttgtga aatggccccg ctatatcagg 240
 ttgcagcggc agagagccat cctctataag cggctgaaag tgccctcctgc gattaaccag 300
 ttcacccagg ccttgagccg ccaaacagct actcagctgc ttaagctggc ccacaagtac 360
 agaccagaga caaagcaaga gn 382

<210> 174
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 174
 tacggctgcg agaagacgac agaaggggtt ttccctggtg tgattccgtc ctgcgcgggtt 60
 gttctctgga gcagcgttct tttatctccg tccgccttct ctccctaccta agtgcggtgcc 120
 gccacccgat ggaagattcg atggacatgg acatgagccc cctgaggccc cagaactatc 180
 ttttcgggtt tgaactaaag gccgacaaag attatcactt taagggtgat aatgatgaaa 240
 atgagcacca gttatcttta agaacggtca gtttaggggc tgggtgcaaag gatgagttgc 300
 acattgttga agcagaggca atgaattacg aaggcagtc aattaaagta aactggcaa 360
 ctttgaaaat gtctggtcag gccacgg 387

<210> 175
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 175
 tgtctacggt tgcgagaaga cgacagaagg gaataaaaagt ttctttaagg cagataaagt 60
 tacaatgctg tggaataaaa aagctactgc tgtgttggtg atagctagca cagatgttga 120
 caagacagga gcttcctact atggagaaca aactctacac tacattgcaa caaatggaga 180
 aagtgcgtga gtgcaattac caaaaaatgg ccccatctat gatgtagttt ggaattctag 240
 ttctactgag ttttgtgctg tatatggttt tatgcctgcc aaagcgacaa ttttcaactt 300
 gaaatgtgat cctgtatttg actttggaac ctggcctcgt aatgcagcct actatagccc 360
 tcatggacat atattagcat tagctggatt tggaa 395

<210> 176
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 176
 tacggctgcg agaagacgac agaaggggac gctcgggtacc aggcgcagat catggcaggc 60
 agccggctgg aaaccgtagg gagcatcttc tctcggactc gggacctggt tcgggccggg 120
 gtgctgaagg agaagcccct gtggtttgac gtatatgacg cctttccccc gctgagggag 180
 cccgtcttcc aaaggcctcg agtgcgatat ggcaaagcca aagctcccat ccaagacatc 240
 tgggtaccacg aggatcggat tatagcgaag ttttattcac tgtatggntc tggcctaaca 300
 gctttttgatc tatttatctc caacttcttg ttctacctga ttacggcttt gtggataatt 360
 acaccttgct tctgtagcat cttttatgag gcgaccttct tact 404

<210> 177
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 177
 tacggttgcg agaagacgac agaagggggc tgttgagacc gctgtggttg ctgtccgcgg 60
 agtgggaagcg cgtgcttttg tttgtgtccc tggccatggc gctgcagctc tcccgggagc 120
 agggaatcac cctgcgcggg agcgccgaaa tctgtgccga gttcttctca ttcggcatca 180
 acagcatttt atatcagcgt ggcatatatc catctgaaac ctttactcga gtgcagaaat 240
 acggactcac cttgcttgga actactgac ttagagctcat aaaataccta aataatgtgg 300
 cggaacaact gacagattgg ttataccaac cgttcaagaa cacaccccg agtgggagga 360
 ttcccacaca attcagtcga ggtgaagcg 389

<210> 178
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 178
 ttacggttgc gagaagacga cagaagggat ctcagattca aatctggacg gccaacccgc 60
 atgtgatgta agcctccata cgaaagcact gttgcagata gaagaagagg tggttgctgc 120
 tcatgtagat ctataaatat gtgttgatg tcttttttgc ttttttttta aaaaaagaa 180
 taactttttt tgcctcttta gattacatag aagcattgta gtcttggtag aaccagaatt 240
 tttgttgttt atttataagg aaattgtgag tggggataat togtttacct tcccgccta 300
 tctcattttt tccctaactt aactcgtttt atatatttac tctactctgg ttttatcact 360
 cccagttttt ctatacactc accaacaatgc g 391

<210> 179
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 179
 tacggctgcg agaagacgac agaagggggc tgccgctggg accccgtgac atcgtccatg 60
 ccgagcacga tgccctctaa aaagggaggg gatggaatta aaccaccccc aatcattgga 120
 agatttgga cctcactgaa aattgcgatt gttggattgc ccaatgttgg gaaatctacc 180
 ttcttctatg agttaaccag gaggcaggct atagcagaaa acttcccgtt ctgcactatt 240
 gatcctaata agagcacatg acctgcgcca gatgaaaggt ctgactttct ttgtgaatac 300
 cacaaccag caagcaaaat tctgccttt ctaaaatgag gtggatactg ctgggcttga 360

gaaaggagg

369

<210> 180

<211> 369

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(369)

<223> n = A,T,C or G

<400> 180

tacggctgcg	agaagacgac	agaaggggat	gccattgtgt	gtaacattgg	acactttgac	60
gtggagatcg	atgtcaagtg	gctcaacgag	aacgccgtgg	agaaggtgaa	catcaagccg	120
cagggtggacc	ggtatcggtt	gaagaatggg	cgccgcatca	tctgtctggc	cgagggtcgg	180
ctggtcaacc	tgggttgtgc	catgggccac	cccagcttcg	tgatgagtaa	ctccttcacc	240
aaccaggtga	tggcgagat	cgagctgtgg	acccatccag	acaagtaccc	cgttggtgtt	300
catttcctgc	ccaagaagct	ggatgaggca	gtggctgaag	cccacctggg	caagctgaat	360
gtgaagttn						369

<210> 181

<211> 384

<212> DNA

<213> Homo sapiens

<400> 181

tacggctgcg	agaagacgac	agaagggggc	gcttccgcca	tctttccagc	ctcagtcgga	60
cgggcgcgga	gacgcttctg	gaaggaacgc	cgcatggct	gcgagggag	agccccaggt	120
ccagttcaaa	cttgatttgg	ttggtgatgg	tggtaccgga	aaaacgacct	tcgtgaaacg	180
tcatttgact	ggtgaatttg	agaagaagta	tgtagccacc	ttgggtgttg	aggttcattc	240
cctagtgttc	cacaccaaca	gaggacctat	taagttcaat	gtatgggaca	cagccggcca	300
ggagaaattc	ggtggactga	gagatggcta	ttatatccaa	gcccagtgtg	ccatcataat	360
gtttgatgta	acatcgagag	gtag				384

<210> 182

<211> 359

<212> DNA

<213> Homo sapiens

<400> 182

tacggctgct	agaagacgac	agaagggctc	tctggccgtt	ccttacactt	tgcttcaggc	60
tccagtgcag	gggcgtagtg	ggatatggcc	aactcgggct	gcaaggacgt	cacgggtcca	120
gatgaggaga	gttttctgta	ctttgcctac	ggcagcaacc	tgctgacaga	gaggatccac	180
ctccgaaacc	cctcggcggc	gttcttctgt	gtggcccggc	tgagggaag	aaggggttaa	240
aagtggaaatg	tatgttgtaa	tagaagttaa	agttgcaact	caagaaggaa	aagaaataac	300
ctgtcgaagt	tatctgatga	caaattacga	aagtgtctcc	ccatccccac	agtataaaa	359

<210> 183

<211> 364

<212> DNA

<213> Homo sapiens

<400> 183

tacggctgcg	agaagacgac	agaaggggtac	ggctccgaga	atacgacaga	aggggctggc	60
gagagtttgt	gcggcgacat	gaaactgctt	accacaatc	tgctgagctc	gcatgtgcgg	120
gggggtgggt	cccgtggctt	ccccctgcgc	ctccaggcca	ccgaggtecg	tatctgccct	180
gtggaattca	accccaactt	cgtggcgcg	atgataccta	aagtggagt	gtcggcgttc	240
ctggaggcgg	ccgataactt	gcgtctgac	cagggtccga	aagggccgg	tgagggat	300
gaggagaatg	aggagtttct	gaggaccatg	caccacctgc	tgctggagg	ggaagtgata	360

gagg

364

<210> 184
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 184
tacggctgcg agaagacgac agaaggggac attttctcgg ccctgccagc cccagggagg 60
aaggtgggtc tgaatctagc accatgacgg aactagaggc agccatgggc atgatcatag 120
acgtcttttc ccgatattcg ggcagcgagg gcagcacgca gacctgacc aagggggagc 180
tcaaggtgct gatggagaag gagctaccag gcttcctgca gagtggaaaa gacaaggatg 240
ccgtggataa attgctcaag gacctggacg ccaatggaga tgcccagggtg gacttcagtg 300
agttcatcgt gttcgtggct gcaatcacgt ctgcctgtca caagtacttt gagaaggcag 360
gactcanatg atgccctgga gatgtcacag attcctggca gagccatggt c 411

<210> 185
<211> 355
<212> DNA
<213> Homo sapiens

<400> 185
tacggctgcg agaagacgac agaaggggac attttctcgg ccctgccagc cccagggagg 60
aaggtgggtc tgaatctagc accatgacgg aactagaggc agccatgggc atgatcatag 120
acgtcttttc ccgatattcg ggcagcgagg gcagcacgca aacctgacc aagggggagc 180
tcaaggtgct gatggagaag gagctaccag gcttcctgca gagtggaaaa gacaaggatg 240
ccgtggataa attgctcaag gacctggacg ccaatggaga tgcccagggtg gacttcagtg 300
agttcatcgt gttcgtggct gcaatcacgt ctgcctgtca caagtacttt gagaa 355

<210> 186
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 186
tacggctgcg agaagacgac agaaggggga gaccagagat ctagcgactg aagcagcatg 60
gccaagccgt gtggggtgcg cctgagcggg gaagcccgca aacagggtgga ggtcttcagg 120
cagaatcttt tccaggaggc tgaggaattc ctctacagat tcttgccaca gaaaatcata 180
tacctgaatc agctcttgca agaggactcc ctcaatgtgg ctgacttgac ttccctccgg 240
gccccactgg acatccccat cccagaccct ccaccaagg atgatgagat ggaaacagat 300
aagcaggaga agaaagaagt ccctaagtgt ggatttctcc ctgggaatga gaaaagtctg 360
tccctgcttg ccctggntaa ggccagaagt ctggactctc aaagagaaat gca 413

<210> 187
<211> 362
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

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<222> (1)...(362)
<223> n = A,T,C or G

<400> 187
tacggctgcg agaagacgac agaaggggga gaccagagat ctagcgactg aagcagcatg      60
gccaagccgt gtgggggtgcg cctgagcggg gaagcccgca aacaggtgga ggtcttcagg    120
cagaatcttt tccaggaggc tgaggaattc ctctacagat tcttgccaca gaaaatcata    180
tacctgaatc agctcttgca agaggactcc ctcaatgtgg ctgacttgac ttccctccgg    240
gccccactgg acatccccc atccagaccct ccaccaagg atgatgagat ggaaacagat    300
aagcaggaga agaaagaagt ccctaagtgt ggatttctcc ctgggaatga gaaagtcttg    360
tn                                                                    362

<210> 188
<211> 419
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(419)
<223> n = A,T,C or G

<400> 188
tacggctgcg agaagacgac agaaggggga gaccagagat ctagcgactg aagcagcatg      60
gccaagccgt gtgggggtgcg cctgagcggg gaagcccgca aacaggtgga ggtcttcagg    120
cagaatcttt tccaggaggc tgaggaattc ctctacagat tcttgccaca gaaaatcata    180
tacctgaatc agctcttgca agaggactcc ctcaatgtgg ctgacttgac ttccctccgg    240
gccccactgg acatccccc atccagaccct ccaccaagg atgatgagat ggaaacagat    300
aagcaggaga agaaagaagt ccctaagtgt ggatttctcc ctgggaatga gaaagtcttg    360
tccttgcttg ccctggttaa gccagaagtc tggactctca aagagaaatg cattctggn     419

<210> 189
<211> 408
<212> DNA
<213> Homo sapiens

<400> 189
tacggctgcg agaagacgac agaaggggga gaccagagat ctagcgactg aagcagcatg      60
gccaagccgt gtgggggtgcg cctgagcggg gaagcccgca aacaggtgga ggtcttcagg    120
cagaatcttt tccaggaggc tgaggaattc ctctacagat tcttgccaca gaaaatcata    180
tacctgaatc agctcttgca agaggactcc ctcaatgtgg ctgacttgac ttccctccgg    240
gccccactgg acatccccc atccagaccct ccaccaagg atgatgagat ggaaacagat    300
aagcaggaga agaaagaagt ccctaagtgt ggatttctcc ctgggaatga gaaagtcttg    360
tccttgcttg ccctgggtaa gccagaagtc tggactctca aagagaaa                    408

<210> 190
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 190
tacggctgcg agaagacgac agaaggggcaa gctaccaatg actttcttca cggaactgga      60
aaaaactact ttaaagttca tatggaacca aaaaagagcc cgcatgcca agacaatcct    120
atgccaaaag aacaaagctg gaggcacac gctacctgac ttcaaactat actgcaaggc    180
tacagtaacc aaaacagcat gatactggta ccaaaacaga gatatagacc aatggaacag    240

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aacagagccc	tcagaaataa	taccaccgca	catctacaac	catcttatct	ttgacaaagc	300
tgacacatac	aagcaatggg	gaaaggattc	cctatttcaat	aaatggtggt	gggaaaactg	360
gccagccata	tgcagaanac	tgaaactgga	gcccttcctt	acacattaca	cg	412

<210> 191
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 191	
tacggctgcg	agaagacgac
aaaaactact	ttaaagttca
atgccaaaag	aacaaagctg
tacagtaacc	aaaacagcat
aacagagccc	tcagaaataa
tgacacatac	cagccatggg
agaagggcaa	gctaccaatg
tatggaacca	aaaaagagcc
gaggcatcac	gctacctgac
gatactggta	ccaaaacaga
taccaccgca	catctaacac
gaaagggatc	cctatttcaat
actttcttca	cggaaactgga
cgcattgcca	agacaatcct
ttcaaactat	actgcaaggc
gatatagacc	aatggaacag
catttttattt	ttgacaaagc
aaatg	
	60
	120
	180
	240
	300
	345

<210> 192
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 192	
gcctacggct	gcgagaagac
cacactccta	ttcacaactg
agggagatga	aatatctcta
tatacaaaca	tatgaaaaaa
aatggccata	ctgccccagg
gacattcttc	atagaaccag
gacggaaggg	accaacaaca
cccccaaaag	aataaaaatac
caatgagaat	tataaaacac
cattccatgc	tcatgaatag
caatatacag	attaaatgct
aaaataactat	tttaaaattc
gccaagtcaa	gtgtcaagaa
agctaagaat	acagctaact
tgctcaaaga	aatcagagat
gcaagaatca	aattctttta
attcctatca	agctaccaat
atatggaacc	aaaaaagag
	60
	120
	180
	240
	300
	359

<210> 193
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 193	
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ggccccctgg	tctgtgacga
ggctctgccc	agcatccagc
aaagtcatac	gctccaactg
ctgctgatcc	agatgccag
ctctccccctt	gtctgcaactg
agaagggcgg	ggccaggacc
gaccctccaa	ggcatcctct
tgtctacacc	cagatctgca
atccagatgc	tacgctccag
aggctccatc	gtccatcctc
ttcaaaccctc	tgccgcccctc
cttgccagag	tgactctgga
cgtgggggtgt	ttaccctgt
aatacatgtc	ctggatcaat
ctgatccaga	tgttatgctc
ttcctcccca	gtcggctgaa
cacacctcta	aaca
	60
	120
	180
	240
	300
	354

<210> 194
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 194	
tacggttgcg	agaagacaac
tgagcagcaa	agtctctcgc
accagcgcaa	gcgccgcaag
atgatcccca	gaaggacaag
ctaagttctc	tgtgtgtgtc
atatccccc	catggacatc
agaaggggct	cttttccggt
acgaggcgg	gaggcgctga
ctgtggagtt	aaaaaactca
gcagatcagc	
gcttaagtc	
actccccgcc	
aaggccgtgg	
	60
	120
	180
	240
	300
	340

<210> 195
 <211> 343
 <212> DNA
 <213> Homo sapiens

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<400> 195
tacggctgcg agaagacgac agaaggggac agacgagatc tcgatcgaag gcgagatggc      60
ggacgtgcta gatcttcacg aggctggggg cgaagatttc gccatggatg aggatgggga      120
cgagagcatt cacaaactga aagaaaaagc gaagaaacgg aagggtcgcg gctttggctc      180
cgaagagggg tcccagagcg ggatgcgtga ggattatgac agcgtggagc aggatggcga      240
tgaacccgga ccacagcgct ctgttgaagg ctggattctc tttgtaactg gagtccatga      300
ggaagccacc gaagaagaca tacacgacaa attcgcagaa tat                          343

<210> 196
<211> 345
<212> DNA
<213> Homo sapiens

<400> 196
tacggctgcg agaagacgac agaagggggg tttgtgctgg gagctgggtg cgcggtgcag      60
ggctcttaag aacgaacggc ttgggcgcgg actggtatcc ggggactgtg acttgcaagg      120
tccgccatgg agccagagca gatgctggag ggacaaacgc aggttgcaaa aaatcctcac      180
tctgagtacg gtctcacaga caacgttgag agaatagtag aaaatgagaa gattaatgca      240
gaaaagtcac caaagcagaa ggtagatctc cagtctttgc caactcgtgc ctacctggat      300
cagacagttg tgcctatctt attacaggga cttgctgtgc ttgcg                          345

<210> 197
<211> 379
<212> DNA
<213> Homo sapiens

<400> 197
tacggctgcg agaagacgac agaaggggaa ttcggtatgt aaaaaggggt tagtgggtatt      60
tcattgctgc taaaaatgac aactccctct gtgtcctgtt tttcttaaag ctgtcagtgt      120
acaagtgggt atttgaatac cagaccttac tgtaaaaaat aaaaaaggtg gtatctagag      180
catgtaaatt ggatataaag ttctgctctt aaagagttga tctaagagta tggctaaaca      240
tctatatatg caatctatta aaagaactta attcggctat tatgtcttga tttgattgca      300
gatttttcct aattataaca aatttttcct cattggcctg tttttaatcc tgtgcctaga      360
aggagtacaa aatgcacac                                     379

<210> 198
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 198
tacgtgctga gaagacgaca gaagggcaac ttccccatcc tagcaagaca ggccaaaatt      60
caaattcagg aaagacagag aacaccataa agatattcct cgagaatagc aagaccaaga      120
cacataattg tcagattcac caagactgaa acaagaaaaa aaatcttaag ggaagctaga      180
gagaaagggt ggggttaccca caaagggaaa cccatcagac taacagcgat ctctctgcag      240
aaaccctaca agccagaaga gagtgggggc caatagtcaa cattcttaaa gaaaataaatt      300
ttcaacccag aattgcatat ccagcaaaac taagcttcat aagcaaagga gaaataaaat      360
cctttacaga caagcaaatt ctgagagatt ttgtcn                               396

<210> 199
<211> 386
<212> DNA
<213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 199
 tacggctgcg agaagacgac agaaggggtac ggctgcgaga agacgacaga aggggtacggc 60
 tgcgagaaga cgacagaagg gtacggctgc gagaagacga cagaagggtta cggctgcgag 120
 aagacgacag aagggggcgc aatctcggct cactgcaagc tctgcctccc gggttcacgc 180
 cattctttctg cctcagcctc ctgagtagtt gggactacag gcgcccgcca ccacgcccag 240
 ctaattttttt tgtatttttta gtagagacgg ggtttactg tgttagccag gaactgaccg 300
 caaacgaggc cgccagacct acaccgcta ccagaccctg gagctggaga aagaatttca 360
 ctacaatcgc tacctgacgc ggcggn 386

<210> 200
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 200
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 cctggagcgc accttcatcg ccatcaagcc ggacggcgtg cggcgcggcc tgggtggcga 120
 gatcatcaag cgcttcgagc agaagggatt ccgcctcgtg gccatgaagt tcctccgggc 180
 ctctgaagaa cacctgaagc agcactacat tgacctgaaa gaccgacct tcttccttgg 240
 gctggtgaag tacatgaact cagggccggt tgtggccatg gtctgggagg ggctgaactt 300
 ggtgaagaca ggccgagtga tgcttgggga gaccaatcca gcagattcaa agccaggcac 360
 g 361

<210> 201
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 201
 tacggctgcg ataagacgac agaaggggaca cgggttaaaag agaccataga taataattct 60
 gtgagttctc cacttcagtc tcttcagcag agaacatggc tcattcactg gtctctgttt 120
 gttttcttca atcaccccaa aggtcgcgat aatattattg acctcttcct ttatcagcca 180
 caatatctta atgcaattca gacaatgtgt ccacacattc ttcgctatct gactacagca 240
 gtcataacaa acaaggatgt tcgaaaacgt cggcagggtc taaaagatct agttaaagg 300
 attcaacagg agtcttacac atattaagac ccaattacag g 341

<210> 202
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 202
 tacggctgcg agaagacgac agaagggggc ctttgcaggc ctcaccgccg atgcaaggat 60
 agtcatcaac agggcccggtg tggagtgccg gagccaccgg ctgactgtgg aggaccgggt 120
 cactgtggag tacatcaccg gctacatcgc cagtctgaag cagcgttata cgcacagcaa 180
 tgggcgcagg cgtttggcat ctctgccctc atcgtgggtt tcgactttga tggcactcct 240
 aggctctatc agactgaccc ctccggcaca taccatgcct ggaaggccaa tgccatatgc 300
 cgggggtgccg agtcagtgcg tgagttcctg gagaagaact atactgacga 350

<210> 203
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 203

tacggctgcg	agaagacgac	agaaggggac	tcttcgacga	gacgacgcct	gggctggacg	60
gggatatgac	tactgagccc	agtcttgctg	ctctcgccac	attgtatggc	acgcgccaac	120
atgaggtccc	tagaagcata	cctactactc	ggacaagcac	tttgactgaa	cactactagt	180
acacggatgt	tatgataccc	agagaacttt	ccaacaagt	acctaaaact	catctgatgt	240
ctgaagagga	gtggaggaga	cttggtgtcc	aacagagtct	aggctgggtt	cactacatga	300
gtcatgagcc	agaaccacac	attcttgtct	ttagacgagc	tcttccaaaa	gataacaag	359

<210> 204
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 204						
tacggctgcg	agaagacgac	agaaggggtgc	cgagcttcgg	gtaactctta	cggaggagga	60
ttcccagcca	tatgaagaca	ccctagctgg	acgatcagtc	cttgtcaaaa	gtctgacccc	120
tcaaaactcta	cagcctcaat	ggaccagacc	ctacccggtc	atttatagca	caccaactgc	180
cgtccatctg	caggaccctc	tccattgggt	tcaccattcc	agaataaagc	catgcccatc	240
agacagccag	cttgatctct	cctcttcctc	ctggaagcca	caagattagg	ccgagagccg	300
atcagacaaa	caacctacaa	cccttaagct	cctggcagcg	cccagccaag	gcc	353

<210> 205
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 205						
tacggctgct	agaagacgac	agaaggggtgc	cgagcttcgg	gtaactctta	cggaggagga	60
ttcccagcca	tatgaagaca	ccctagctgg	acgatcagtc	cttgtcaaaa	gtctgacccc	120
tcaaaactcta	cagcctcaat	ggaccagacc	ctacccggtc	atttatagca	caccaactgc	180
cgtccatctg	caggaccctc	tccattgggt	tcaccattcc	agaataaagc	catgcccatc	240
agacagccag	cttgatctct	cctcttcctc	ctggaagcca	caagattagg	ccgagagccg	300
atcagacaaa	caacctacaa	cccttaagct	cctggcagcg	cccagccaag	gccatg	356

<210> 206
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 206						
tacggctgcg	agaagacgac	agaaggggggt	gtctccaagc	aagatggcgg	aggagccgca	60
gtctgtgttg	cagcttccta	cttcaattgc	tgctggaggg	gaaggactta	cggatgtctc	120
cccagaaaca	accaccccg	agcccccg	ttccgctgca	gtttccccg	gaacagagga	180
acctgctggc	gacaccaaga	aaaaaattga	cattttgcta	aaggctgtgg	gagacactcc	240
tattatgaaa	acaaagaagt	gggcagtaga	gcgaacacga	accatccaag	gactcattga	300
cttcatcaaa	aagttttctta	aacttggggc	ctcagaacag	ttggttattt	atgtgaatca	360
gtccttt						367

<210> 207
 <211> 367
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(367)
 <223> n = A,T,C or G

<400> 207						
tacggctgcg	agaagacgac	agaaggggac	cgattgttct	tggcccaaac	aataccaatc	60
tgcccaaaat	atttagtata	attgcggaag	gagaaatgca	cgaggcaatt	aaacatgaag	120

atccttgtgc	caaacgtctg	gccaatgtcg	ttcgccaagt	acagacttct	ggaggactgt	180
ggactgagtg	catagcacag	ctcagtcctg	agcagcaggc	cgccattcag	gagctcctga	240
actctgcgtg	aagggcctta	atgtcaccca	ccagaaaact	aactccaaat	aaacgcttac	300
cctttccttt	aggnttcctt	gttttggttt	tgagcaaaaag	agatcggtag	tgttgtgggt	360
aggccat						367

<210> 208

<211> 369

<212> DNA

<213> Homo sapiens

<400> 208

tacggctgct	agaagactac	agaaggggtat	cttctgggggt	ttcaattgct	cagaaacaac	60
ttttttcaca	acggaaagga	aagaacacta	gtgttccttc	agtaaagtac	aaagtgttta	120
ttttacaaaa	gagtaggtac	tcttgagagc	aattcaaadc	atgctgacaa	ggatactgat	180
agaaaaagtg	atttcttctt	attataaagt	acatttaaag	ttcaaggact	aaccttattt	240
atttgggaaa	ggggaggagg	aaggaaatga	tatggtaccc	agacactggg	ctaggctgca	300
actttatctc	atttaataact	cccagctgtc	atgtgagaaa	gaaagcaggc	taggcatggg	360
aatcactg						369

<210> 209

<211> 362

<212> DNA

<213> Homo sapiens

<400> 209

tacggctgct	agaagacgac	agaagggggg	acaagaccca	tctttatgca	aagccagcgt	60
tacagtaatg	ttccagcatc	tcataatcta	tcctggggaa	ttcagctgcc	tcccaggggtg	120
aatacaggta	ttcctgatga	cagtctgcct	ctatcttaca	gagcagcttg	ttgctatata	180
ccattgaaaa	gccttcagag	ctgagaggta	ctactaacca	ataacctgct	tggtctaaag	240
ggccagcacc	ttctctctaa	agcccaagag	gagtttgagg	aaaactaggt	gtctgtgttc	300
actccaggct	gaagttacag	gtctgagcaa	ataaggtgta	taaaaaatgg	aatctgtcct	360
gg						362

<210> 210

<211> 364

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(364)

<223> n = A,T,C or G

<400> 210

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gtcctttctgc	catcatgccg	atgttcacgc	taaacaccaa	cgtgccccgc	gcctccgtgc	120
cggacggggt	cctctccgag	ctcaccacgc	agctggcgca	ggccaccggc	aagccccccc	180
agtacatcgc	ggtgcacgtg	gtcccggacc	agctcatggc	cttcggcggc	tccagcgagc	240
cgtgcgcgct	ctgcagcctg	cacagcatcg	gcaagatcgg	cggcgctcag	aaccgctcct	300
acagcaagct	gctgtgcggc	ctgctggccg	agcgcctgcg	catcagcccc	gacagggtct	360
acan						364

<210> 211

<211> 350

<212> DNA

<213> Homo sapiens

<400> 211

tacggctgcg	agaagacgac	agaagggggc	ttttggctct	ctgaccagca	ccatggcggt	60
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tggcaagaac	aagcgcctta	cgaaaggcgg	caaaaaggga	gccaagaaga	aagtgggtga	120
tccattttct	aagaaagatt	ggtatgatgt	gaaagcacct	gctatgttca	atataagaaa	180
tattggaaaag	acgctcgtca	ccaggaccca	aggaacccaa	attgcattctg	atgggtctcaa	240
gggtcgtgtg	tttgaagtga	gtcttgctga	tttgcagaat	gatgaagttg	catttagaaa	300
attcaagctg	attactgaag	atgttcaggg	taaaaactgc	ctggctaaat		350

<210> 212

<211> 365

<212> DNA

<213> Homo sapiens

<400> 212

tacggctgcg	agaagactac	agaaggggga	caactcaatg	aaaattttaa	gggaaaaccc	60
tcaggcctga	ggtgtgtgcc	actcagagac	ttcacctaac	tagagacagt	caaactgcaa	120
accatggtga	gaaattgacg	acttcacact	atggacagct	tttcccaaga	tgtcaaaaca	180
agactcctca	tcatgataag	gctcttacct	ccttttaatt	tgtccttgct	tatgcctgcc	240
tctttcgctt	ggcaggatga	tgctgtcatt	agtatttcac	aagaagtagc	ttcagagggt	300
aacttaacag	agtgtcagat	ctatcttgtc	aatcccaacg	ttttacataa	aataagagat	360
ccttg						365

<210> 213

<211> 357

<212> DNA

<213> Homo sapiens

<400> 213

tacggctgcg	agaagacgac	agaaggggct	tttttttcga	ggtaggagtc	gactcctgtg	60
aggtatgggtg	ctgggtgcag	atgcagtgtg	gctctggata	gcaccttatg	gacagttgtg	120
tccccaagga	aggatgagaa	tagctactga	agtcctaaag	agcaagccta	actcaagcca	180
ttggcacaca	ggcattagac	agaaagctgg	aagttgaaat	ggtggagtcc	aacttgcttg	240
gaccagctta	atggttctgc	tcctggtaac	gtttttatcc	atggatgact	tgcttgggta	300
tggagagtgc	gcttgactac	actgtgtgga	gcaagtttta	aagaagcaaa	ggactca	357

<210> 214

<211> 370

<212> DNA

<213> Homo sapiens

<400> 214

tacggctgcg	agaagacgac	agaaggggtg	acgctcgtca	gtggcttcag	ttcacacgtg	60
gcgccagcgg	aggcagggtg	ctgtgtttgt	gcttccttct	acagccaata	tgaaaaggcc	120
taagttaaaag	aaagcaagta	aacgcattgac	ctgccataag	cgggtataaaa	tccccaaaaa	180
ggttcgagaa	catcatcgaa	aattaagaaa	ggaggctaaa	aagcagggtc	acaagaagcc	240
taggaaaagac	ccaggagttc	caaacagtgc	tccctttaag	gaggctcttc	ttagggaagc	300
tgagctaagg	aaacagaggc	ttgaagaact	aaaacagcag	cagaaacttg	acaggcagaa	360
ggaactagaa						370

<210> 215

<211> 367

<212> DNA

<213> Homo sapiens

<400> 215

tacggctgcg	agaagacgac	agaaggggct	ttcgcgtctg	cgggtgcccg	agtgtggtac	60
ttctcctagt	tgcagtcagg	cttcatacgc	tattgtcctg	cccgttagag	cagccagcgg	120
gtacagaatg	gatttttgaa	gagggagtca	ccactggacc	tccaaggaag	ccacgtgcag	180
acatctacaa	ccttcgatct	cctgacgagt	ttattgttgg	ccaaaaccag	gctttgattg	240
aaccaggatg	aatgcgggtg	ttggaagtag	aatatatata	tacatatata	attgaaactg	300
gcgatggaat	atgagaggag	ccctctggaa	agaataggac	agaccctgtg	ctttcatgaa	360
agcgaaa						367

<210> 216
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 216
 tacggctgcg agaagacgac agaagggggc aggtggctgc atagtcttgg cggaggtgac 60
 caaagccacg taatgtccgt agttcgctca tccgtccatg ccagatggat tgtggggaag 120
 gtgattggga caaaaatgca aaagactgct aaagtgagag tgaccaggct tgttctggat 180
 ccctatttat taaagtattt taataagcgg aaaacctact ttgctcacga tggccttcag 240
 cagtgcacag ttggggatat tgtgcttctc agagctttac ctgttccacg agcaaagcat 300
 gtgaaacatg aactggctga gatcgttttc aaagtggaa aagtcataga tccagtgaca 360
 ggaaagccct gtgc 374

<210> 217
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 217
 tacggctgcg agaagacgac agaagggggc cctaaccctg aggtgcgcgc gcggcggtca 60
 ctgcgcgagg gtatggggcc ccagtgttgc gctctctggc cgttccttac actttgcttc 120
 aggtccagt gcaggggagc agtgggatat ggccaactcg ggctgcaagg acgtcacggg 180
 tccagatgag gagagttttc tgtactttgc ctacggcagc aacctgctga cagagaggat 240
 ccacctccga aacctctcgg cggcgcttct ctgtgtgacc cgctgcagg attttaagct 300
 tgactttggc aattcccaag gcaaaacaag tcaaacttgg catggaggga tagccacc 358

<210> 218
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 218
 tacggctgcg agaagacgac agaaggggag ggctcactga gaaccatccc ggtaaccgga 60
 tcaccgctgg tcaccatgaa ccacattgtg caaaccttct ctctgtcaa cagcggccag 120
 cctcccaact acgagatgct caaggaggag caggaagtgg ctatgctggg ggtgccccac 180
 aacctgctc ccccgatgtc caccgtgatc cacatccgca gcgagacctc cgtgcctgac 240
 catgtggtct ggtccctgtt caacacctc ttcatgaaca cctgctgcct gggcttcata 300
 gcattcgcgt actccgtgaa gtctagggac aggaagatgg ttggcgacgt ga 352

<210> 219
 <211> 365
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(365)
 <223> n = A,T,C or G

<400> 219
 tacggctgct agaagacgac agaaggggac ttaaagcctg aaaacatctt atttgtgcag 60
 tctgactaca cagagggcgt taatcccaaa ataaaacgtg atgaacgcac cttataaat 120
 ccagatatta aagttgtaga ctttggtagt gcaacatatg atgacgaaca tcacagtaca 180
 ttggtatcta caagacatta tagagcacct gaagtatttt tagccctagg gtgggtccaa 240
 ccatgtgatg tctggagcat aggatgcatt cttattgaat actatcttgg gtttaccgta 300
 tttccaacac acgatagtaa ggagcattta gcaatgatgg aaaggattct tggacctcta 360
 ccaan 365

<210> 220
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 220
 tacggctgcg agaagacgac agaaggggct tgtccagtga aacacccctcg gccgggaagt 60
 cagttcgttc tctcctctcc tctcttcttg tttgaacatg gtgcggacta aagcagacag 120
 tgttccaggc acttacagaa aagtgggtggc tgctcgagcc cccagaaagg tgcttggttc 180
 ttccacctct gccactaatt cgacatcagt ttcatcgagg aaagctgaaa ataaatatgc 240
 aggagggaaac cccgtttgcg tgcgcccac tcccaagtgg caaaaaggaa ttggagaatt 300
 ctttaggttg tcccctaaag attctgaaaa agagaatcag attcctgaag aggcaggaag 360
 cagtggc 367

<210> 221
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 221
 cgttgctgtc ggaagagtgg tactaccaga tagaaattct gaaattggaa attggaggcc 60
 aaagccttaa tctggactgc agagagtata acgcagacaa ggccatcgtg gacagtggca 120
 ccacgctgct gcgcctgccc cagaagggtg ttgatgcggt ggtggaagct gtggcccgcg 180
 catctctgat tccagaattc tctgatgggt tctggactgg gtcccagctg gcgtgctgga 240
 cgaattcggg aacaccttgg tcttacttcc ctaaaatctc catctacctg agagatgaga 300
 actccagcag gtcattccgt atcacaatcc tgcctcagct ttacattcag cccatgatgg 360
 gggccggcct gaatta 376

<210> 222
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 222
 cgttgctgtc ggatatgatg ttttattcct agcctttctt caacacatgg attcattctg 60
 caaagcaggt gagagaggag gcaggtcagg tctttactag aaagccttac ctgacaccag 120
 atgctgtaga gaaacccagt ttctagaagg ctgtcattgt ccacaggctt ggggagaact 180
 ctttttttct tgcacatctc aacctctctt atttggggaa ttcacaattg tgtaagtctt 240
 ggtggaagac aggatcctgt ttctgggtcaa ggaaaataca aggtcagata tgttgtctcc 300
 ctgaacgttg gtgtgtgaat cagggttcct cagagaaaat agaaccaata ggggcttgtg 360
 tgtgtgtgca cgtgtgcacg n 381

<210> 223
 <211> 462
 <212> DNA
 <213> Homo sapiens

<400> 223
 tgatacccg c tacttgttcc ttttgcagga cttctctcaa gacccaatcc attcgtattc 60
 cgttgacttg ggagagtttg ccaggtaaaa gactttctcc ttcttaaaaa atatagggtg 120
 atttctttaa aactttgtta tctagagaca gtttaattac agttatatac aggtttatgc 180
 ctaggatgta ttcagatggg tgggacctgt gtgctgcttt tgtcatocca cactcaaagt 240
 tgtctctttg tttcttgctg ccaactgccag ctcatgtgtg agactgccat ttctttctct 300
 tactcagctc tccccagtgc cttttggcca ctgcagctac cgtagaatgg cattttatat 360
 gtaccttgct acccacttct gtttactttt tcctctccag taaaaaggaa aaaatttctt 420

tcaattgggtc ttccattgac aggtactgat atttctcttt tt

462

<210> 224

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(414)

<223> n = A,T,C or G

<400> 224

cggttgctgtc	gaaactcccc	tggggggtttc	acctgggccc	tggaggaatt	cagctcagct	60
tcttcctagg	tccaagcccc	ccacaccttt	tccccaacca	cagagaacaa	gagtttgctc	120
tggtctgggg	gacagagaag	gcgcttccca	acttcatact	ggcaggaggg	tgaggagggt	180
cactgagctc	cccagatctc	ccactgcggg	gagacagaag	cctggactct	gccccacgct	240
gtggccctgg	aggggtcccg	nttgctcagtt	cttggtgctc	tgtgttccca	gaggcaggcg	300
gaggttgaag	aaaggaacct	gggatgaggg	gtgctgggta	taagcagaga	gggatgggtt	360
cctgctccaa	gggacctttt	gcctttcttc	tgcccttttc	taggcccagg	gctg	414

<210> 225

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 225

cggttgctgtc	ggttggaatt	cagggcattg	ctatttattc	ctcgtcgggc	tccctttgac	60
ctttttgaga	acaagaagaa	aaagaacaac	atcaaactct	atgtccgcg	tgtgttcctc	120
atggacagct	gtgatgagtt	gataccagag	tatctcaatt	ttatccgtgg	tgtggttgac	180
tctgaggatc	tgccctgaa	catctccga	gaaatgctcc	agcagagcaa	aatcttgaaa	240
gtcattcgca	aaaacattgt	taagaagtgc	cttgagctct	tctctgagct	ggcagaagac	300
aaggagaatt	acaagaaatt	ctatgaggca	ttctctaaaa	atctcaagct	tggaatccac	360
gaagactcca	ctaaccgcg	ccgcctgtct	gagctgctgc	gctatcatac	cn	412

<210> 226

<211> 417

<212> DNA

<213> Homo sapiens

<400> 226

ggcacgaggg	cggaaggagc	tagggaagtt	tgccgttttc	gtccatgcc	agatggctga	60
gctgcagggt	cgggacctga	gcctgaagct	gcagggcac	cccggccac	tggttcctct	120
ccagctcctc	cacgggcagc	acatgaagca	ccagttcctg	ctgcggggcc	ggacggaaa	180
tgagaagcag	cgatggatct	cagccttggt	cccctccagc	ccccaggagg	acaaggaggt	240
catcagtgag	ggggaagatt	gccccagggt	tcagtgtgtt	aggacataca	aggcactgca	300
cccagatgag	ctgaccttgg	agaagactga	catcctgtca	gtgaggacct	ggaccagtga	360
cggctgggct	ggaggggtcc	gcctggcaga	tggtgagaa	gggtgggtgc	cccaggg	417

<210> 227

<211> 404

<212> DNA

<213> Homo sapiens

<400> 227

ggcacgagag	ggcctggtgc	tgcctatggc	tctggagctc	atgacggtgc	tgggtgggcag	60
cccccgcaag	gatgggctgg	tgtctctcct	caccacctct	gaggggtgccg	atgagcccca	120
gcggtgcag	tttccactgc	ccacagccca	gcgtctgctg	gagcctggga	ctcctcggtg	180
ggccaactat	gtcaaggag	tgattcagta	ctaccagct	gccccctcc	ctggcttcag	240
tgcagtgggtg	gtcagctcag	tgccccctggg	gggtggcctg	tccagctcag	cataccttggga	300
agtggccacg	tacaccttcc	tccagcagct	ctgtccagac	tggggcaca	tagctgccccg	360
cgcccaggtg	tgtcagcagg	ccgagcacag	cttcgcaggg	atgc		404

<210> 228
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 228						
cgnttcgaat	tgcgacgagc	ccggccccctg	cagtcaggat	actcacgcca	gaagtgcggc	60
tgggatccgg	cggccacctg	cacctgcgta	tctctcgggc	cgcccttccc	gaggggctcc	120
ccgaggcttc	ccgccttcac	cgggctctgt	tccggctgtc	cccgaaggcg	tcaaggctgt	180
gggacgtgac	acgacctctg	cggcgtcagc	tcagccttgc	aagaccccag	gcgcccgcgc	240
tgcacctgcg	actgtcgccg	ccgccgtcgc	agtcggacca	actgctggca	gaatcttcgt	300
ccgcacggcc	ccagctggag	ttgcacttgc	ggccgcaagc	cgccaggggg	cgccgcagag	360
cgcgtgcgcg	caacggggac	cactgtccgc	tcgggcccgg	gcgttgctgc	cgtctgcaca	420
cgggtccgcg	gtcgtggaa	gacctgggct	gggccgattg	ggtgctgtcg	ccacgggagg	480
tgcaagtgc	catgtgcac	ggcgcggtgc	cgagccagtt	ccgggcggca	aacatgcacg	540
cgcagatcaa	gacgagcctg	caccgcctga	agcccagcac	ggtgccagcg	ccctgctgcg	600
tgcccgcagc	tacaatccca	tggtgctcat	tcaaaagacc	gacaccgggg	tgctcgcttca	660
gacctatgat	gacttgtag	ccaaaagact	gccactgcat	atgagcagtc	ctggtccttc	720
acttggtgcac	ctgcgcnggg	gangcgaact	tanttgtntct	t		761

<210> 229
 <211> 765
 <212> DNA
 <213> Homo sapiens

<400> 229						
ctcgttcgat	tccgtgctgt	cggaaaaccc	ccactgatga	acctgaaaag	gctgtggagg	60
atattaatga	acatattacc	gatgctcagt	tagaagcaat	gactgaactc	catgacagaa	120
cagcagtaat	caaggagaat	gaaagagaga	agaggcccaa	gcttgaaaat	ctgcctgaca	180
cagaagacca	agaaactgtg	gacattaatt	cagtcagtga	aggaaaagag	aataatataa	240
tgataacctt	agaaacaaat	attgaacata	atctaaaatc	tgaggaagaa	aaggatcagg	300
aaaagcaaca	gatgtttgaa	aataagctta	taaaatctga	agaaattaaa	gatactattt	360
tgcaaacagt	agatttagtt	tctcaagaga	ctggagaaaa	agaggcaa	attcaggcag	420
ttgatagtga	agttgggctt	acaaaggaag	acacccaaga	gaaattgggg	gaagacgaca	480
aaactcaaaa	agatgtgatc	agcaatacaa	gtgatgtgat	aggaacatgt	gaggcagcag	540
atgtggctca	gaaagtggat	gaagacagtg	ctgaggatac	gcagagtaat	gatgggaaag	600
aaagtggctg	aagtaggcca	gaaattaatt	aataagccca	tggtgggtcc	tgaggctggg	660
ggtactaagg	aagttcctat	taaagaaata	gttgaaatga	atgaaataga	agaaggtaaa	720
aataaggacc	aagccataaa	cagttcagag	aacataatgg	gcac		765

<210> 230
 <211> 460
 <212> DNA
 <213> Homo sapiens

<400> 230						
cgaacacaca	cccttctccg	ctcccaggtc	tggttggtga	gacttgggag	tcaggaataa	60

gggaaagggg	attgtttggt	ttttgggttt	ttccctaagc	ccctcccttt	tctttcagcc	120
tttttccttc	ccccattatg	tcatgacctc	acttaagtgg	aacactatat	cataaccag	180
agattcgtcc	cagccccaga	gtccgacaga	ctgtctggtc	cctattccta	atgaggggtt	240
gtgttggggc	ccaggtggag	ggaggggatt	tgggggttca	gactgcgggg	aagccagggg	300
ctccctcggt	caacgccttc	ctccccctca	acccaccttc	ccaactggga	cattctcaag	360
cttttcacac	cgaaaaggaa	aaaaaatggt	atttttagat	acattttatg	aataactttt	420
gttatgaata	tggctgggta	accattgtgt	atgttattaa			460

<210> 231
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 231						
gtcaaaggca	gcaagcagat	agactcaagg	tgtgtgaaag	atgttatata	ccaggagctg	60
ccactgcatg	tcccaaccag	actgtgtctg	tctgtgtctg	catgtaagag	tnaggnaggg	120
aaggaaggaa	ctacaagana	gtcggagatg	atncagcaca	cacacaattc	cccagcccag	180
tgatgcttgt	gttgaccaga	tgttcctgag	tctggagcaa	gcacccaggc	cagaataaca	240
gagctttctt	agttggtgaa	gacttaaaca	tctgcctgag	gtcaggaggc	aatttgcttg	300
ccttgtagaa	aagctcaggt	gaaagactga	natgaatgtc	tttcctctcc	ctgcctccca	360
ccagacttcc	tcttggaaaa	cgctttggta	gatttggcca	ggagctttct	tttatgtaaa	420
ttggataaat	anacacacca	ttacactatc	cacagatata	gcn		463

<210> 232
 <211> 495
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 232						
aatctctaca	gctgtctata	acaaaacttt	ttaggaaagt	accacaaata	tgtaaacag	60
aagaagcaaa	tctcaaataa	tgtgcaaaag	ctgtgagitt	cttcttacat	aaaactggta	120
cctaagcaag	tgaggggttca	ttttattttt	cactcaccaa	tccccatata	attatacagt	180
aacaccatac	agccaaaacg	gccatgatat	tcctcccttc	tcagccaaaa	ttgggcaaga	240
gagaatgacc	cttgtagggg	aaaagaaacc	tctacgataa	actgaaatgc	caccatcagg	300
gtttgttgaa	actgtaggaa	caggtcttac	ngactcactt	agctgctaat	gagtttctat	360
gattccagat	tggagtagtt	caaagtaaga	agtgaagggg	ctggacctgt	ctgtgaatca	420
gaatgagccc	acgtcctcca	ggaaggtttt	ttatagcctc	ctctcccaaa	tgggaaaagc	480
ccaaatccca	tcact					495

<210> 233
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 233

agtcgaatat	gacngggana	ggaagaagac	cctgtgtggg	actcntaatt	acatagctcc	60
ngaggtgctg	agcaaganag	ggcacagttt	cnaggtggat	gtgtgggtcca	ttgggtgtat	120
catgtatacc	ttgttagtg	gcaaaccacc	ttttgagact	tcttgcttan	aanagaccta	180
cctccggatc	aagaagaatg	aatacagtat	tcccaagcac	atcaaccccg	tggcgcctc	240
cctcatccag	aagatgcttc	agacagatcc	cactgcccgc	nnaaccatta	acgac	295

<210> 234
 <211> 501
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 234						
tgacttttga	ctctctcggg	tacttgaaga	tgaccagaa	gctgcttaca	caaccngggg	60
aggaaagata	ccaataaggt	ggacatcacc	agaagcaatt	gcctaccgca	agttcacctc	120
agccagcgat	gtatggagtt	acgggattgt	tctctgggaa	gtgatgtctt	acggagaaag	180
gccatactgg	gagatgtcca	atcaggatgt	aattaaggct	gtggatgagg	gctatcgctg	240
ccacctccca	tggattgccc	agctgccttg	tatcagttga	tgttggactg	ctggcagaaa	300
gacaggaaca	acagacccaa	gttcgagcag	atcgtcagca	ttctggacaa	actcatccgg	360
aatccaggca	agtctgaaga	tcatcaccag	cgcggctgca	aggccatcaa	accttcttct	420
ggaccaaagc	natgtcgata	tcgctacctt	ccacacaact	ggtgattggc	ttaacggcat	480
gaggacagca	cctgtaagga	a				501

<210> 235
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 235						
gcagccacag	ctccgaagct	ggcaagaagg	atgtcagtgg	gcccctgagg	agctgcgccc	60
tcgggtctgca	cctgcgaaag	ggacctcagg	gctatgggtt	caacctgcat	agtgacaagt	120
cccggcccgg	ccagtacatc	cgctctgtgg	acccgggctc	acctgccgcc	cgctctggcc	180
tccgcgccag	gaccggtca	ttgaggtgaa	cgggcagaat	gtggaggggac	tgcgccatgc	240
tgaggtggtg	gccagcatca	aggcacggga	ggacgaggcc	cggctgctgg	tcgtggaccc	300
cnnagacana	tgaacacttc	aagcggcttc	gggtcacacc	caccgaggag	cacgtggaag	360
gtcctctgcc	gtcaccctgc	accaatggaa	ccagccctgc	ccagctcaat		410

<210> 236
 <211> 304
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 236						
tnacganatg	acagatttna	caaataacaa	agtctacgcc	gcaanaatta	ttcctcacag	60
cngagtagct	anacctcatc	anngggnnna	gattgacann	gnaatagagc	ttcacagann	120
tcttcatcat	aagcntgtag	tgcagttttn	ccactacttc	nnggacanag	annncattta	180

cattctcttn gnatactgca gtagaaggtc aatggctcnt nttttganag caagaaagg	240
gttgacagnn ccagangtcc gatactacct cangcagatt gtgtctggac tgatataccn	300
tcat	304

<210> 237
 <211> 570
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 237	
gcttgatctg gccccgctcg tccagcagga tgttggaggg cttgacgtcg cgggtggatga	60
caccgtgctt ctccctcagg tagtacagcg ccttcacaat cgccactgtc atcttgccca	120
gaatgcgctc ggggatgggg ccctgcatcc gcttcttgag cttctcagcg cagggtgcca	180
tgagctccat ggcgatgaag acgtccgtgt tggatgatgaa cgtcccaaag cactgcacga	240
tgtaggggca gtcgtggctc ttcagcacca catccaggc catgaggatg cgcttggtct	300
cctccttggt cccggagcgc cgcatctgct taacggcaat gacgtggccg gtcttccgga	360
agcgcatctt ccacacctgg ccgcagtgcc gctgcccata tcgcccaggt tctccaggct	420
gttgatttct gcctggtagc gctggccccc gatggtcagg taagccgtct gctttcatga	480
tctcctgcag cttctggtca atntcaatgc tctcnatgct gcggggtgtg aanagggttt	540
aacggggangc cccagnatgt gggcggggcc	570

<210> 238
 <211> 648
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

<400> 238	
nattcaggca ctagggacca gcctgggcaa ctatagttag ataggtctcc aaaaaaaaaa	60
aaaaaaaaaa tagccagtct ggggtgccaca cacctgtagt cccagctact caggagacta	120
aggtgggagg attgcttgag cccaggagcg gaggtcgtgg tgagccactg cactccggcc	180
ttagagatgc agcaagatcc catcaaataa ttgatagatt gatacctagc tagctagcta	240
gatagatgat agcaaatttt gaggaagat cagaatattt tacaattgac cataaagaag	300
tttaggtaca ttacaatgca aaaacacaaa aaaaccagg ctgtcgaagt tgaatagtgt	360
ttttcttcaa ggtcattgct ctacattcat attatgatgt ctggaaagac atgttaattt	420
tcagaacata gaattactgg tgaggaagtt gaanaacatt ctttttttcc ctccatagc	480
acatatggta tcattttctaa acatatttgg atgtgtgcac ttcatggcct ggactagggt	540
gaggcaagag aaattttata agaccctaat ttaaggaggc ncattgtcct aaggttgga	600
cagtgtgagc nctgcatct gcaccacct aaangtgga tggcncct	648

<210> 239
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 239	
agctcctgct ccttaaagct gagatcacgc tctagtttct ttagcctctc aagagttgcc	60
tcaatttcgc acctccactc cgccttggtg tgtacgaatg agttacactt gtcacgaagg	120
ctcgtgtcat ttgacatgga ctccaggatt gaaatgattt gcttgaatga tggccgtttc	180
ttggcatcag cttcccaaca ctgatgtaac agttcagcaa aacttctggg gcaactgctt	240
ggaatggtta atctctcggt tttttccact acaagccaag ctacttgtaa tccttccaaa	300

ccttttaaagg	ggacctccct	tgtttagcatc	tcccagagaa	ccacaccata	ggaatatgtg	360
tcacaagttt	ctgacacagg	gagactctgg	ataacttc			398
<210> 240						
<211> 294						
<212> DNA						
<213> Homo sapiens						
<400> 240						
atcgagacat	caaaccgtcg	aacttcgcta	tgggtcgctt	tcctagtaca	tgtaggaaat	60
gttacatgct	tgattttggc	ttggctcgac	aatttaccaa	ttcctgtggt	gacgtcagac	120
cacctcgagc	tgtggcaggt	tttcgagggg	cagttcgcta	tgcatcaatc	aactgcacat	180
cggaacaggg	aaatgggaag	acatgatgac	ctttggtcct	tattctacat	gttggtggag	240
tttgtggttg	gtcagctgcc	ctggagaaaa	ataaaggaca	aggagcaagt	aggc	294
<210> 241						
<211> 501						
<212> DNA						
<213> Homo sapiens						
<400> 241						
gacaccttga	cagaagagga	aacacagttc	tacatttcag	agactgttct	ggcaatagat	60
gcgatccacc	agttgggttt	catccatcgg	gatattaagc	cagacaacct	tttattggat	120
gccaaagggtc	atgtaaaatt	atctgatttt	ggtttatgta	cgggattaaa	gaaagctcac	180
aggactgaat	tttatagaaa	tctcacacac	aaccaccaa	gtgacttctc	atttcagaac	240
atgaactcaa	agaggaaagc	agaaacttgg	aagaagaaca	ggagacaact	ggcatattcc	300
acagttggga	caccagatta	cattgctcca	gaagtattca	tgagactggg	ttacaacaaa	360
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<210> 242						
<211> 350						
<212> DNA						
<213> Homo sapiens						
<400> 242						
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catgggcgtc	atcctttaca	ctctagtggg	cgcccatctg	ccctttgatg	acaccaatct	180
caaaaagctg	ctaagagaga	ctcagaagga	ggtcactttc	ccagctaacc	ataccatctc	240
acaggagtgc	aaggtccaac	tgctcattgc	ctgtgtggca	caatggagaa	aaactcaggc	300
aagacctctc	tctcacctgc	tctagaacct	gatctccag	atgctacgcc		350
<210> 243						
<211> 466						
<212> DNA						
<213> Homo sapiens						
<400> 243						
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gccgtcccga	tccttctcta	ggtctcgtag	tcgatctagg	tcaaatgaaa	ggaaatagaa	420
gacagtttgc	aagagaagtg	gtgtacagga	aattacttca	tttgac		466
<210> 244						

<211> 511
 <212> DNA
 <213> Homo sapiens

<400> 244
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 gggatatctag cgccagagat ccttaaattgc tccatggatg aaacccaccc aggctatggc 180
 aaggaggccg agctctgggc ctgggggggtg atctcgtgca cactcctggc tggctcgcca 240
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 gtgcaagtgt gtgctggggc aggagtggca gctgagcagg cgctacggca gcgcttcgtg 420
 tgagcgggat cgagtgacaca agccgggaaa ctgatcccg cgtgaggggtt cccaggttgg 480
 tagtcgtgag ggctggctgc tgggagagtg g 511

<210> 245
 <211> 495
 <212> DNA
 <213> Homo sapiens

<400> 245
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 aatacaggaa atgtaaagtg gagtgcagac acaaagctca agttcatgtg gggaaacctg 180
 actttggctt ccacagaaaa gaaggatgtt ttggttccct gcctcaaggc cggccatgtg 240
 ggagttgtat ctgtggagtt cattgcccc gcttggagg gaacgtatac ttcccatttg 300
 cgtctttctc acaaaggcca gcaatttggg cctcgggtct ggtgcagtat catagtagat 360
 cctttcccct ccgaagagag ccctgataac attgaaaagg gcatgatcag ctcaagcaaa 420
 actgatgatc tcacctgcca gcaagaggaa acttttcttc tggctaaaga agaaagacag 480
 cttggtgaag tgact 495

<210> 246
 <211> 432
 <212> DNA
 <213> Homo sapiens

<400> 246
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 tctcagttaa ttggccatta aagtgtctga aattttctta atcatgataa catttgtaa 120
 aaagaaatca gaactaatat caggaacatg gcggcatgaa ggaaacagtt cccttacaaa 180
 acacagaaaa tggaaagccc tcatgttgag ggggtgggtt ggacaatttg caaacagatt 240
 ctaatttcct ctcaccgtca gcaccaaact ggctgggacc accaccctg ggtgaaagaa 300
 acaacgctaa agaaccctaa aaacacccac acaccctgac taccaccacc tctgggccat 360
 ctgtgggctg ttgctgtttg aacagatcca gtctcaggaa agaggaagac ctgacctccg 420
 tctgcaaccc at 432

<210> 247
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 247
 gaacttcaga aactttcaaa gtttgatgag cagagaactg ctacttatat aacagaattg 60
 gcaaatgcct gtcttactgt cattcgaaga gagttattca tagagacatt aagccagaga 120
 acttacttct tggatcagct ggagagctta aaattgcaga ttttgggtgg tcagtacatg 180
 ctccatcttc caggaggacc actctctgtg gcaccctgga ctacctgcc cctgaaatga 240
 ttgaaggtcg gatgcagat gagaaggtgg atctctggag ccttggagtt ctttgctatg 300
 aatttttagt tgggaagcct ccttttgagg 330

<210> 248

<211> 437
 <212> DNA
 <213> Homo sapiens

<400> 248
 gttgcttttc ctttactgtg aagataatat aatccctgca gtgtttctct gctaacatat 60
 gcaatttgca gttctgacag aggtccagtt acgtgataaa tatcctgtaa agaaccacct 120
 ccacaaaact ccatgcaaat ccaaagctta tctcgctga gatagcttcc aaaataagca 180
 acaatatttg ggtgtttaca gtctttcatc ataataattt cttgctgcac aactgcaaag 240
 tcttctcctg gttccaattt tattacttta attgctgcta attcaccagt gttaacattc 300
 cgtgccttgt agacgtcgcc gtagtgccgc tgccgatgcg ctgaatcagc tcgaagtcct 360
 cctgcgggtt ccggcgggac aaatcgaagc cggggttcat ggcgggcccc aggtgcccc 420
 cgcctccctc ccgggca 437

<210> 249
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 249
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 aaagaagctg tggaggagaa tgggtgttatt actgacaagg cagacatatt tgcctttggc 180
 ttactttgtg ggaaatgatg actttatcga ttccacacat taatctttca aatgatgatg 240
 atgatgaaga taaaactttt gatgaaagtg attttgatga tgaagcatac tatgcagcgt 300
 tgggaactag gccacctatt aatatggaag aactggatga atcataccag aaagtaattg 360
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<210> 250
 <211> 507
 <212> DNA
 <213> Homo sapiens

<400> 250
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 aagccaatga tggcagctg tgtcttgcta tgggaatatgg aggtgaaaag tctctaaatg 180
 acttaataga agaacgatat aaagccagcc aagatccttt tccagcagcc ataattttta 240
 aagttgcttt gaatatggca agagggttaa agtatctgca ccaagaaaag aaactgcttc 300
 atggagacat aaagtcttca aatgttgtaa ttaaaggcga ttttgaaaca attaaaatct 360
 gtgatgtagg agtctctcta ccaactggatg aaaatatgac tgtgactgac cctgaggctt 420
 gttacattgg cacagagcca tggaaaccca aagaagctgt ggaggagaat ggtgttatta 480
 ctgacaaggc agacatatatt gcctttg 507

<210> 251
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 251
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 agcccctgaa atcatcctcg ggaacctgtt ctccctgacc tcggatacgt ggagtgttg 180
 agtgctcaca tacgtacttc ttagtggcgt gtcccccttc ctggatgaca gtgtggaaga 240
 gacctgcctg aacatttgcc gcttagactt tagcttccca gatgactact ttaaaggagt 300
 gagccagaag gccaaaggagt tcgtgtgctt cctcctgcag gaggaccccg ccaagcgtcc 360
 ctcggctgcg ctggccctcc aggagcagtg gctgca 396

<210> 252
 <211> 576

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<212> DNA
<213> Homo sapiens

<400> 252
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gacttatgac tggctcactg ccttacagcc acattggctg ccgtgaccag attatcttta      120
tgggtgggccc tggctatctg tccccggacc tcagcaaaaat ctccagcaac tgccccaagg      180
ccatgcgggcg cctgctgtct gactgcctca agttccagcg ggaggagcgg cccctcttcc      240
cccagatcct ggccacaatt gagctgctgc aacggtcact ccccaagatt gagcggagtg      300
cctcggaacc ctcccttgac cgcacccagg ccgatgagtt gcctgcctgc ctactcagcg      360
cagccgcctt gtgccttagg cccgccaagc caccagggag ccaatctcag ccctccacgc      420
caaggagcct tgcaccaccag ccaatcaatg ttctgtctctg ccctgatgct gcctcaggat      480
ccccattcc ccaccctggg agatgagggg gtcccatgt gcttttccag ttcttctgga      540
attgggggac ccgcgcaaag actgagcccc ctgtct                                576

<210> 253
<211> 387
<212> DNA
<213> Homo sapiens

<400> 253
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tctcagatgt tacttgaggt ttaagaggag gtacaagctt tttatcatat acatcttgcc      120
agtttactcc agagaagaaa ctgtgtctca taatttcttt tgctcatct ggtcctccac      180
caaggcgttt atttggatcc tttatcaaga gccctgaaag caatgatttt gcatctgaag      240
agagtgttcg aggaaattta atgtcttcca ttaatatata ttcaaaaagt ttctcatggt      300
cctggttgta gaaaggtaac ctcccacaca tcatttcata catgacaacc cctaggcccc      360
accagtctac tgctcggccca tagtcat                                387

<210> 254
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

<400> 254
ttggaaggaa aaagtgtaaa agttattggt gcatatttgg gaacagcaag cacttagttt      60
gagaaaatga ggacttaaaa cagttgaatc aaaggcaata ccctggtact tgtattttaa      120
atcaatggtg atgttctttc ttaagcaaca ttcttctctt ccctaatagc tacaatatga      180
tacagtacgc aacagctcac ttgaaagtgc tagaatcaga ggataaagaa gccataagcc      240
accccaactta catttcgtac tatacaatgc ctttttggcg cttgataaat caagcattca      300
tgtagcatta cattcaacag aaacatttct cgtactttgg gtttaagatc gttgtccctc      360
cagttcggat gtcgtgacat ctgactcttc atcactgtaa atattttcag ccatttgcca      420
tatctgcatg atgttatcct cagacactga gcaaatgacc caaggctcat tggggtncca      480
gctaaaatct gaaatcttat cagtgtgtcc gccatgaata aacaggagtt ctggatggcc      540
atcttctgca tcctctggtg attgttcttc cccaatatac ttaaataccac acattcaggc      600
gggcggtagt accacttgaa tccgaatagt ttcactatgt ggagacagtg gacctcgaaa      660
attacatctc aaggagattc gaggtatgga gtcttaattt taagttaacg caattccata      720
aagctacggt cttatccgc                                739

<210> 255
<211> 459
<212> DNA
<213> Homo sapiens

<400> 255

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aaaaaaagtg	tttatttcct	ttatttttaag	attcagtagg	atagccaaat	tcatagagaa	60
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cctaacagtg	tccatgggta	attcgctaac	cttaacaaag	atgggaagaa	gtgagtgtct	420
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<210> 256
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 256						
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gaaattgatg	atgaacttta	ttatggaatc	atcagacaat	ctcaacctgg	acctgtaaat	120
aatcttagcc	ccactaaaag	tgggataaac	agacatgtgt	gagttgatgt	accttaccat	180
ttatgaacta	ctgtttttaa	aaatgtgaag	ttaatcaagc	ttctagaaga	aatttttggt	240
ccaagggaca	actcacacgg	tgtctgcaat	aagtcaaaga	catgaaaaaa	aaaaaaaaag	300
cgacg						305

<210> 257
 <211> 554
 <212> DNA
 <213> Homo sapiens

<400> 257						
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taacactggg	ggtttcattt	caatacaaat	tatgctagag	aactgacatt	tcagacatgg	120
tcatatatat	gctatttgaa	ttcctttatc	ttgatacaga	tcttgattgt	gaatctcttg	180
atgatagatg	tgacagctaat	ttgtcccga	actcatgaag	ataattgtat	tgcttgatgg	240
tctgtattgc	cccggatcct	cttaggtctc	gcaggctgtc	tatggcttgc	tctggtgata	300
ttgtgtcaga	caggtatagt	aggagacaag	cagctacaag	acaagatctc	ccaagtcctc	360
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tttcacagca	gctggctatg	tcaggagtcc	tccatctgcg	attggatgat	gatgggtgat	480
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ctgggtgcaga	atac					554

<210> 258
 <211> 700
 <212> DNA
 <213> Homo sapiens

<400> 258						
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aaaaaacagg	tttaaagtga	gcagattcat	atttacagtg	tgatttttta	ggactgtcta	120
tatccaaatt	ttattttcgt	gaacgcttac	attctaagag	cagtacaatt	agcctattac	180
gtagggccct	aatcttggtt	gtatagtgtt	gttgaaatac	tttcttcagc	ttttgcctta	240
acaaatccaa	agatggaaga	tgatgacaat	ctggaatatt	caacataaca	tgaaaaaatt	300
catctccaat	atccaaatga	ggaagccttc	taaaaagacc	ttcaggctta	cactctcctc	360
cttcatTTTT	cactttcatg	taagtgccaa	agagcatgca	atatactgtt	gcagcaaccc	420
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cagatgtatc	acactttgct	gtgaatatag	ttccttttgg	aaaaagtttc	atatctatac	540
tctgaccag	gtcaatcagt	gccaaagccag	cagataaatc	atcctcatca	atcctgtcca	600
aaaatacggt	tccaagtatg	aaattgtctg	gtttaatgtc	tccatgaatg	atttcacagt	660
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<210> 259
 <211> 902

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(902)
 <223> n = A,T,C or G

<400> 259
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 taggagttaa aaaatagctt ctcctatcct gatttgagga agtgggggaa agtcctaggc 180
 ctgtatgata cagggccaga attcagcaaa attactgtgc ttctttcaaa gcttcctttc 240
 tacctgccag catcaatata ttcttttctc aaaagatggt ttatttttgt ttttaataat 300
 taaaagaaaa aaactatctt cccttgtaag acttttaaca cattatagta tctcagaaga 360
 gcaggtanaa catcaaatat aaaagaaaaa taaaatcttg atgaataatt aatattatat 420
 atcttctaca atttgataca caaaacaata aagacttaat tttaacctta atactacctt 480
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 aagcttccca aacttctttt gatatgtcta ctccagagga catctacctc ataagcagac 600
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 aatccggatg ggattaatat caaatattta aattcatcat atgggtgtgg tggattccta 720
 aattacttac aaatattacc gggacctcca gtccaggatt aatggaagct cagtcccctt 780
 aatgagggaa ttccaaattt ttggggatat ttttggaag gaaccgggtt tggcggggtc 840
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 gg 902

<210> 260
 <211> 669
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(669)
 <223> n = A,T,C or G

<400> 260
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 cagggcacga acctgcctca gtgggccttc tccaagaacg ctctgcagca cctgacacac 240
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 ttactttttc tattcaaata tcccagattg ctttcatcca tacatagtat ataatacaat 420
 gtggcaaaat cttcttttga aatctgcccg gaaacgtggc ccatgggaat gccgtgcctc 480
 ttcatgcagc tctgccctcg caagtcaggg gggttactna tcccaaaccg ggaagttgcc 540
 gcgctgtata ccccccaatt tctcgaaaag ttttgatcgg ttacaagttt ccgaaaaaat 600
 gcttctgaat gggggatcga caaagttacc cagaaacca aaaagcaggg actgggagcc 660
 gtttcgcc 669

<210> 261
 <211> 551
 <212> DNA
 <213> Homo sapiens

<400> 261
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 tgggtccaat ctctctgag agctgaaggt ttttgctggg gtcccctcac tgctccaggg 180
 acaccgtcag ctcatggcat cgtgtttag accctgtagt tgtccttctg cgtgatgtgc 240

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gctatgtcct	ctctctggaa	ctccgccttg	tgagctccac	aggtctttca	ataggggagt	420
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<210> 262
 <211> 879
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(879)
 <223> n = A,T,C or G

<400> 262						
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cgcttctctc	aagctggcct	ttcttctggt	tactagaaca	cggaaagttt	cagcaggatt	660
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cccttgctcag	tctttaattt	ttagcttggg	gtccatcttc	atggntggct	tggaaaaaatt	780
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<210> 263
 <211> 479
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

<400> 263						
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atccagattc	tttcgtggta	tctctccagt	ctcatagaag	gacagtcgct	cttcaacttg	240
ttctcgaagc	ttctccccga	atacactcgt	gggcacctca	gagaagcaat	cgattcgtga	300
ggcaatactg	catttgtttg	ccaggatatc	ggagatgcgg	cctttgttct	tggcagctgc	360
tcggccaatg	aaggtggagt	ggaaaatgag	tccatatttt	gnggtgttac	cccttgctct	420
cagggtctctg	gaaacttggt	ccctttngct	gggccctgga	atcactcaga	caccaggac	479

<210> 264
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

```
<400> 264
tttttttttag ctctcttaga aatttttattg gtccctggaga aaggaaggca aactctgcct      60
cccgctcaga gtccccccaa ccctcactgt ttcccgttgc cattgatggg gaggttcacg      120
tactcagggg aggccaggaa ggcccttgagc ttggggccggg cactgaggcg cccacatat      180
gctgagagca gggggaacgc atccaggcag ccaggggcta ggacctcatg gatcagcagc      240
aagtccagca gggtttagtc agcgaaggag atctgggtctc ccacaatgaa ggtcttgcct      300
ccctggttct gggacagcag ggtctcaaaa ggcttcagtt gcccgggcag tgccttcaca      360
tagtcatact tgcccgcctc atagttggtg tagatgaggg agatgtattt gcagcggagg      420
tcctccacgc cgtcattcac catgtccacc agggctgcct cctgctggtc cttcccatag      480
agcccaaggg tgcggccag gtgacgcagg atgggtattg actggtacag ggtgaggtct      540
ccgtcctgga acttggggag ctgcccgtat aggcaggagg ctttgagtga gcccttctgc      600
cacgtctnca cggtcaccac ctccctccttc cagctctggc cctgatctgg cagcagcatg      660
cgcagggccg ggcagcggcc ctcaactggg aaataaaca cggggtaggg ccgcaggtagg      720
gcaaaaactg ggggcg                                     736
```

<210> 265
 <211> 691
 <212> DNA
 <213> Homo sapiens

```
<400> 265
aggtcgtttt ttactagtgt gtggaagaca tttaggagaa ttccaactga ttaccattta      60
cagtgatcac aatgaaactg ctccagagta tccactgaact tcagtaagaa aatacaacag      120
agtgccatca ggacagggga gagggcagga gactgctcca tcgctctgct catgtccaca      180
ctgccaaagt ccccaccacg ggggtcccca gtgcaccca gctccggggc agaagaggca      240
gcctgcagat ctctgctgcc gggaaagagc tcctgaagtt gtgggggtctg gactctgctg      300
gggacggggc cttccgcgag tctccacact ctccggggac tgcagggaga ggcgtctcca      360
gtgggcagcc ttgggtcact tccatagctc cccagcggc ttctctgtgg cagtgcggat      420
ggcgtcctca gagagcacgc ggatgtcctc atggacagct tcgatgcttt tggaaagcatc      480
caccatcttc cagttcaaaag tcgtgtcttt catgagctgg tggaaacacc ggagcgcccg      540
ctcctgaaaa gccccgttct catagcgctc atggccaaac gctccccgct ttgcagcatc      600
cgccagctgt aactggaggt acaggaccaa gtcgggtttg ggaaggccca cgtctgggtg      660
ttacaccaat ctaaggaaaa atcttctctg c                                     691
```

<210> 266
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

```
<400> 266
acagctgatg aggatattata agtgtgattt taaaaacagc cgattttaaac catgtacaaa      60
taagtttgca aaaagtctgc caaacaaaac atactttaaa catgtttaag tagatagatt      120
atctgaaatt ctggattttt cactcacttc attgttatgc tatggcagcc aagtaatcct      180
taacttcact tggagtaagc ctccataaat cagcttcatt gcagattcca acttctatgt      240
tatactctgt catttgcctt tcaaagcttt cctttagggt taagatggct gtatgaatgg      300
catcttcaag ttccagatct tcattatata ttttctcaag gaaagtcttc ccattcacat      360
agttctttcc cattgctgta gctttccagg caaagtaagc tccacatgga tctgactgaa      420
ataaatatgg tcgtccctca ttccaaccac aaataagtaa agaaactcca aatggacgaa      480
caccacctga ctgagtatat tcttgcatca cagaagctac tctctgtacc agctgagctg      540
tangaatggg gtgcttgtag acacgatagt attgggtgagc tagtggtcga gctctgtgca      600
caagcactct gtaatcgggg cacatgccac tgtacaccaa acctatatgc ttgggtatag      660
```

gntctactgt	gggtacactt	ctgtcatcat	acagaatgga	tttctgtttt	ttcttcattg	720
ctaataccac	acaatttgga	gttttattct	cagggcgggg	gctcctcagc	tcagcaagcc	780
aagctattca	tcttggaat	ttaccaaacg	gctgaagtag			820

<210> 267

<211> 256

<212> DNA

<213> Homo sapiens

<400> 267

tttttttttt	tcaagttgct	gagcttttct	gggcatgagt	tttcttgat	tgaaagtgca	60
gataataatt	acttacctca	cagggtcatt	tggatgaaat	gaaatgaagt	ggtgagagag	120
tgtctggcac	agagaaaatg	ctcaataggc	gctgattacc	tcctatgtct	cctgttccct	180
tggtgacctt	cctcatgtca	acattagctt	tggccccaca	aattagtgcc	ccttctgtcg	240
tcttctcgca	gccgta					256

<210> 268

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 268

tgtcaataaa	actttaggaa	tatctgcaca	tgtacattta	cattcaagtt	gataaactg	60
gtggtttcat	ttcaatacaa	attatgctag	agaactgaca	tttcagacat	ggtcatatat	120
atgctatttg	aattccttta	tcttgataca	gatcttgatt	gtgaatctct	tgatgataga	180
tgtgcagcta	atttgtcccg	aaactcatga	agataattgt	attgcttgat	ggtctgtatt	240
gccccggatc	ctcttaggtc	tcgcaggctg	tctatggctt	gctctgggtga	tattgtgtca	300
gacaggta	gtaggagaca	agcagctaca	agacaagatc	tcccaagtc	tccatagcag	360
tgtatttaag	tttttcggta	atttttaagg	caggttgtaa	gctcttccat	tatttcacag	420
cagctggcta	tgtcaggagt	ccctccatct	gcgattggat	gatgatgggt	gataattcca	480
cattgctggt	agagatccag	aaggtttggg	actctatatt	ttgacagttc	ccctctggtg	540
cagaaaacaa	atatgtcttg	tataccacan	gctctttagt	ttcttctgta	tctttttgga	600
catttcttct	aaccatcttt	taatttacia	ccctgaagga	gcacataaaa	cccagaaaac	660
tgagaaccaa	ttcactcgtg	acaaagaata	gccatgatat	atgaaaatgg	agctgttcaa	720
tctcaatagg						730

<210> 269

<211> 519

<212> DNA

<213> Homo sapiens

<400> 269

tttttttttt	tcgggggtctc	gttgctgggc	gagggcggtg	ccccgtcctc	ggccttgggc	60
gaagaagtcg	aggaggcggc	cgacgcggcc	tctccctccg	cgcccggtgg	cgagccgggc	120
tcggcagcct	cgccttccgc	gggggcctcc	ttctctaccg	ggctggcccc	ggcctcgggg	180
gcagcggcgg	cggccggctc	acctttctcg	gccgcggagg	gcgacgcgc	cccgtctccg	240
gcggccggcg	gctcctcctt	gtcggcgccc	ggggcgctgc	cgttggcctg	cagctcctcc	300
ttggcgcccc	actcggcggc	cgcgggcgaa	gcgtcgccgt	ttaccttcac	gtggccattc	360
tcctgtccgt	tcgctttgga	aggcgacgag	gccacagccg	cctccccagg	cctctccgcg	420
gcggcttctc	ccttcgctgc	ggtcttgag	aactgggcac	ccatgctggc	ttcttcaaca	480
aagaaactca	acagatccaa	gaggggaaac	aaagagcct			519

<210> 270

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 270

ggggggtttaa	cagtttatta	ggattttataa	gtgtcatttt	aaaaacagtc	gattttaaac	60
atgtagaaat	aagtatgcaa	aaagtctgca	aaacaaaaca	tacttttaac	atgtttaagt	120
agatagatta	tctgaaattc	tggatttttc	agtcacttca	ttgttatgct	atggcagcca	180
agtaatcctt	aacttcagtt	ggagtaagcc	tcctaaatcc	agcttcattg	cagattccaa	240
cttctatggt	atcctctgtc	atttgcctt	caaagctttc	ctttagggtt	aagatggctg	300
tatgaatggc	atcttcaagt	tccagatcct	cattatatct	tttctcaagg	aaagtcttcc	360
cattcacata	gttctttccc	attgctgtag	ctttccaggc	aaagtaagct	ccagatggat	420
ctgactgaaa	taaatatggg	cgtccctcat	tccaaccaca	aataagtaaa	gaaactccaa	480
atggacgaac	accacctgac	tgagtatatt	cttgcatcac	agaagctact	ctctgtacca	540
gctgagctgt	aggaatgggt	tcttgggaca	caagatagtt	ttgttgagct	agttntcgag	600
ctctgtgcac	aagcactctg	ttatcggggc	ccatgccact	gtacaccana	cctatattgc	660
tgggtaattg	gntctacctt	gtgtacactt	cggtcatcat	acagaaatgg	attctgggtn	720
ttctcagttg	ctaattccac					740

<210> 271

<211> 611

<212> DNA

<213> Homo sapiens

<400> 271

ttttttttcc	ggcttccaaa	agctttattg	gcaaatatgc	tctataaaaag	aatgatcaat	60
cctgttgctt	ctaagtcaat	ggaatgaaga	gctgtgtcca	gggacacacc	acgccgtgct	120
gaaggagact	gctgttggtg	ccacctctta	ttcatagacc	cagtcattgag	cacaagactt	180
gtagtcaacc	agttcttcag	gcttaaacca	taggctgatt	tctttttcag	cactttttac	240
tgaatcactg	ccatgaatga	tgttcctgct	aacctgaatg	cagaagtccc	cacgaatggt	300
gcctggcttt	gaatctgctg	gattgggtct	cccaagcatc	actcggcctg	tcttcaccac	360
gttcagcccc	tcccagacca	tggccacaac	cgggcctgag	ttcatgtact	tcaccagccc	420
agggagaagt	ggtcggctct	tcagggtcaat	gtagtgtgct	ttcagggtgt	cttcagaggg	480
ccggaggaa	ttcatggcca	cgaggcggaa	tcccttctgc	tcgaagcgct	tgatgatctc	540
gccaccagg	ccgcgtgca	cgccgtccgg	cttgatggcg	atgaaggtgc	gctccaggtt	600
ggccatggtc	c					611

<210> 272

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(498)

<223> n = A,T,C or G

<400> 272

tttttttttt	ttttgccaca	tgagcaagct	tgggtgctcc	caagggtcaa	atacttttta	60
ttagacacgg	ccaggcagag	aagaccatgg	gagttccga	ggggccccag	ctttcaaggg	120
cgacgggaga	gacacaggat	aaaagggtta	aagtgcagag	gcagagtctg	gggctcaggt	180
tgggtctagg	gtgtcctcaa	acaggctgag	gaggttccga	ggctcaaagg	aggggaagga	240
gccccgagga	ggctctgagt	tgatgtcact	taggtccagg	gcatccctgg	gtgtgcacct	300
gctccggggg	gtggagggtg	tccccacagt	ccggggccagg	acagcctcag	gggagagtga	360
aggccctagg	ctgtcgtcat	cccacgtgct	ggagaggctg	ctgtccagga	gcaaactgca	420
gggtggtgag	ccaggcggtg	gtggctgctg	gccagggggc	tgtagccagc	tggcagggtg	480
agccagccca	tgccagag					498

<210> 273
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 273
 gagaagacga cagaagggga ggagacactg tgcagatgga tgcagaaact ggaattttgc 60
 ctccacaagt taagtaatac taatagctct cggaagctga aaaaggcaaa aaaaaaaaaa 120
 aaaaaaaagt cgtatcga 138

<210> 274
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 274
 tttttttttt ttttttttaa ttgcctcctg atgtttatca acctacttgc aatatggaag 60
 attgaaatat aaggcaatag gtttcatggc aactccaga gatgtttgtg ctgtcctcca 120
 gccttctcat aattagtcac ttgcgagcag taactcagaa ctttttccaa tttcacaggt 180
 actcatgcct cacaactgcc tccccactcc cagtaactga gaaatagagt gttcaaaaaca 240
 gtgacaatag aaaggcaaaa gacctttaaa gaaattccac aaagcccctt ggccactgatc 300
 atatagaagt tttgccagaa aaatcaaaca tccaacact 339

<210> 275
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 275
 tttttttttg gtcctttcta gtttaatggg gttctcagaa tgttcaaagt atccacctaa 60
 cccccgggc agaaatcctc cctttgcagc caggattatg actttacaga gggaaaaa 118

<210> 276
 <211> 414
 <212> DNA
 <213> Homo sapiens

<400> 276
 gtgctgtcga ttacgagcga cactgcgatt ccatgaactc ggtcttttggg agcgagtccg 60
 ggggttgccg ggactcgagt ccggggccta gcgccagtca ggggccgcga gccggcggcg 120
 gcgcggcgga gcaggaggaa ctgcactaca tccccatccg cgtcctgggc cgcggcgcct 180
 tcggggaagc cacgctgtac cgccgcaccg aggatgactc actggttgtg tggaagggaag 240
 tcgatttgac ccggtgtct gagaaggaac gtcgtgatgc cttgaatgag atagttattc 300
 tggcactgct gcagcacgac aactttattg cctactacaa tcacttcatg gacaatacca 360
 cgctgctgat tgagctggaa tattgtaatg gaggcggagg tggaaggggc ccgg 414

<210> 277
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 277
 gagaagacga cagaaggggtt aagttgttgc aacagagact atatggctag tgaagtccaa 60
 catatttact actggccatt tacagaaaaa gtctggactg caaggaagac caaaaaaaaaa 120
 aaaaaaaaaa aaagtcgtat cga 143

<210> 278
 <211> 243
 <212> DNA

<213> Homo sapiens

<400> 278

gagaagacga	cagaaggggtg	taagcacaga	gaggggaaaa	taattgttca	ctgttctggg	60
gtggaaaggg	actgaagata	caatcaagaa	aaatgtgcac	aaaactcatc	aggaaacatt	120
ggctaactgt	atthttctgat	accgtggagt	tgtatthtccc	atgggaagta	tttgaggatc	180
tactgagtca	ctgaagctgg	aactggccgc	acaaaaaaaa	aaaaaaaaaa	aaagtcgtat	240
cga						243

<210> 279

<211> 722

<212> DNA

<213> Homo sapiens

<400> 279

ttttttatth	cataatthctc	ctthattagg	cacaggtaaa	catacatact	catggtatcc	60
aaaacctaga	gtatggacct	gggattgtgg	acccaagtgt	tccccagaag	agtcccaact	120
gggactthtc	aggtggccac	aggacagacc	ctgcctaath	ctgtccctca	accttggtgc	180
tcaggctcaga	agccccatgg	ttgacaggcc	tggaccctca	ttccagaaca	gtcttgagtt	240
agacaagaac	tagcctcata	gtthggattc	ttatctctgg	cccaaatccc	aggcttaggc	300
ctggaaggag	aatctctthaa	tcaagaggac	agagatgtctg	ggaacacagt	tcccagagat	360
gggatcgggt	tggagctaag	ggcatcgggt	cctgtcgcag	ccaggggtgc	aggaggatgc	420
ctgtggctgt	gagccgtthca	gctggctccc	gacgaaggag	gcagcgaacc	agacagcggg	480
caggggccga	gaggcctgca	ggcaaggcgt	aggccccgcg	gcggatcttg	ccgaagagca	540
agacaggctc	cgagtcctgg	aaggggtagt	ggccggccag	catggtgaag	agcgccacgc	600
ccaggctcca	gacatcgggt	ggcttgcccg	agtatgaagc	ccgtgagctg	agtattctca	660
ggthcacgtt	aggctgggca	cgctgtctth	gtccaaaagg	gatcattthg	gcccatacgc	720
aa						722

<210> 280

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(358)

<223> n = A,T,C or G

<400> 280

tatacggctg	cgagaagacg	acagaagggc	aacagtacag	gaagttgggt	agatgtgggg	60
acaacagaga	gactgtggca	gaggcaggac	tgcagatcta	tggaaattgc	ctggaagagt	120
cagctgtaag	ggatgagaat	cctgagggta	aaagagaaaa	gggaaagact	cctctthtgat	180
cttatgaagc	tgaataaaca	agatctthaa	catgagttag	aatctgtthc	cccaacctaa	240
ggtgacttht	aatccaaggt	aaaaaacacg	gcattgggtat	tagththtgat	agggaaaattg	300
agaactctct	ttgagctcan	anaaaaaaaa	aaaaaaaaaa	aaaaagtcgt	atcgatgt	358

<210> 281

<211> 885

<212> DNA

<213> Homo sapiens

<400> 281

ttttthttth	tcacggthtc	aatggacact	thttattgth	acttaattga	tcatcaatth	60
tgtctcacta	cctacaaatg	gaatthcatc	thgtthtccat	gctgagttagt	gaaacagtga	120
caaagctaath	cataataacc	tacatcaaaa	gagaactaag	ctaactctgc	tcaactthctt	180
thtaacaggc	aaaatataaa	tatatgcact	ctaaaatgca	caatggthta	gtcactaaaa	240
aattcaaatg	ggatctthgaa	gaatgtatgc	aaatccaggg	tgcagtgaag	atgagctgag	300
atgctgtgca	actgthtaag	ggtthctggc	actgcattctc	thggccacta	gctgaatctt	360
gacatggaag	gththtagcta	atgccaggg	gaaatgcaaa	aaatgctaath	thgacttagg	420

gcctgtgcac	aggaactaaa	aggcaggaaa	gtactaaata	ttgctgagag	catccacccc	480
aggaaggact	ttaccttcca	ggagctccaa	actggcacca	cccccagtg	tcacatggct	540
gactttatcc	tccgtgttcc	at ttggcaca	gcaagtggca	gtgtctccac	cacctatgat	600
ggtgatgcag	ccccctaaaa	gtggctttca	ccacctcatc	catgagagct	ttgggtcccc	660
gggcaaaagc	ttcccattca	aataccccca	caggaccatt	ccacacaatc	tgcttaaccc	720
gagtgcacgc	ctcagcatac	ttcttgctgg	tttcaggacc	acagtccaag	ccccatccca	780
ccagcaggta	tgcaagaagg	cccagtgggc	ttgccagtct	tggcatttct	catcaacttg	840
tcagcagtg	caaagtcaac	cggaaggaa	tcttcacacc	atctt		885

<210> 282
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 282						
atctctgcag	tttataatac	tctacgtata	tgaatttaaa	gcagttaaac	aacatttgag	60
attaaaattgg	taaaaaaaaa	attgtaattg	aattcagact	tcagaaaatt	gtgaagtaaa	120
aggccatgat	ggagaaatat	taagaatctg	tagaattact	aaactgtcac	agtattattt	180
tcctttacaa	aagcatctca	gtaaaacaaa	aactacagaa	aacgcaaagt	aaaatcagag	240
at ttttggtt	agtactttcc	ctgagtctct	tg ttttaaaa	atcaaagtaa	ggccagttca	300
aaattgaccc	acaggtcttg	cctcctccat	gctgccatgg	ggagtacatt	taagacaaga	360
ggctacgcat	g ttgaggtgg	tcccagngct	ttattcaaat	gccaatttgc	ccgtgtcact	420
gccacagggg	tatctgaccc	actgctgcat	gtgggcttaa	agagctgtca	aaattntatc	480
ttggcctgct	ataatataat	atgcgagact	atataccaca	agaagacaaa	cagntncacg	540
tattaataaa	tattacattt	ctaaatggat	ctcgacacta	tatacatcac	aatattgtaa	600
cataacagaa	gctacacttt	tatgnttaaa	attcttacat	aaacacaggt	tcgcgtcang	660
tcattcttaa	ctctaattcta	catgtttacag	ataaactcaa	aaa		703

<210> 283
 <211> 510
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

<400> 283						
ttttttggga	cttagctttt	ccttcagaag	tttattcttg	taaataaaca	tcagtttttag	60
tttccatttg	aaatatttca	agaaaaaaga	catatgatga	attagcacat	gtataaagga	120
gtcatogttc	tccttgtagc	ccatccccag	gatgacctca	ggggctctgt	aataacgtgt	180
caccacatat	ggagtcacat	tgaagcttgt	gcctgctgtc	ctggccagtc	caaagtcag	240
gattttcaat	gtgcaatcag	acttgactac	aatgttactt	gg ttttaaat	ccctgtgaat	300
aattccagca	gaatggaggt	gcttaatgcc	acacaacatt	tgggtacagca	ggtaagacat	360
tcgctcatgg	tctaattcca	tctgaatcac	ttgacataag	ttggcatcca	tcagttccat	420
tactaagtaa	acatcttggg	actcctccag	cg tttttctg	ggtgtgaaga	catttaataa	480
actaataatg	tttntatggg	tcacacactt				510

<210> 284
 <211> 502
 <212> DNA
 <213> Homo sapiens

<400> 284

tttttttttt	catatctctt	gtagtgcmaa	tatttaatat	aatctttga	aacaagttca	60
gatgaaataa	aatcaaagt	ttgcaaaaac	gtgaagatta	acttaattgt	caaattattcc	120
tcattgcccc	aatcagtat	tttttttatt	tctatgcaaa	agtatgcctt	caaactgctt	180
aatgatata	tgatatgata	cacaaaccag	ttttcaaata	gtaaagccag	tcattcttgca	240
attgtaagaa	ataggtaaaa	gattataaga	caccttacac	acacacacac	acacacacac	300
acgtgtgcac	gccaatgaca	aaaaacaatt	tggcctctcc	taaaataaga	acatgaagac	360
ccttaattgc	tgccaggagg	gaacactgtg	tcacccctcc	ctacaatcca	ggtagtttcc	420
tttaatccaa	tagcaaattc	gggcatat	gagaggagt	attctgacag	ccacgttgaa	480
atcctgtggg	gaaccattca	tg				502

<210> 285

<211> 638

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(638)

<223> n = A,T,C or G

<400> 285

gcaggttagc	atattattag	ataaaaacag	gaaggagggt	gcctaccac	ccctgcctgc	60
tactggctct	gaagggcact	cctcaacttc	ccaagaaag	aggacgcgtc	tctgacactg	120
tgatcatgac	aggggttcaa	acagaaagt	cctgggccct	ccttctaagt	cttgttacca	180
aaaaaaggaa	aaagaaaaga	tcttctcagt	tacaaattct	gggaaggag	actatacctg	240
gctcttgccc	taagtgagag	gtcttccctc	ccgcaccaa	aatagaaag	gctttctatt	300
tcactggccc	aggtagggg	aaggagagta	actttgagtc	tgtgggcctc	atttcccagg	360
tgcttcaat	gctcatcaa	accaggcatg	gggaaggccc	tggcaaactg	ctccaccctg	420
tgctgaggt	tggccagacg	ctgacttggt	tctgagtcct	taagcaggaa	ggatttgaaa	480
tctggagct	tggcagtcct	gctcttcacc	tctaagccaa	tgttgacccc	ttcatctata	540
aagtncaaaa	ctcttcggga	ggcatttctc	ccggactgtc	gagaaagtaa	aggttggggc	600
ccaaagccaa	agcccgccgg	gtgagatgca	tttgggtc			638

<210> 286

<211> 660

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(660)

<223> n = A,T,C or G

<400> 286

gcggccgcgc	ggcttccagg	tggcgctgca	tgcattggcg	ggtcaggagc	ctgggtctcca	60
cacccgccag	ctgggtctgc	gcggggccgc	cggacggcgc	tgggcgcctt	gcggagcacg	120
aggccacggg	cggggccagt	agtctccaca	taaagtgcac	ggaggccgcc	tcctctctcc	180
cacgcccgcc	cgggaaggct	ccgcccgggg	ctgcgaagtc	aacaagccgc	gtgcaactgc	240
gggcggccga	ggggggaggg	ctgcgcccgg	tcctgtctgt	ccccctgccc	ggccctgcag	300
ggcgctccgg	aggtcctggg	gcgtggctcg	cacagaagca	tggcggccac	ctctccggga	360
gggcgggcgg	aaccggcgag	aagactgagg	gcctggcgcg	ggcacctggc	ggggctcctg	420
gacacgggct	gcaggcgggc	agcctcactg	ctgcttgacg	gccgacagcc	ggcgatctt	480
gctgctggcg	gagcaggcct	tgcgggcagg	gttggggggc	cggcccttcg	ccctggattt	540
ggtgctcagc	tgcgcccgc	ctgtgccgtt	catacacact	gcctttggga	ggcncggcg	600
ctgtncattg	tgactggcct	netctttctg	gacctgtccg	ggcaccgtga	agtcctgagt	660

<210> 287

<211> 545

<212> DNA

<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(545)
<223> n = A,T,C or G

<400> 287
cttngttggg tgcataaaca cttcacggaa gacatccaga cgcgtcagta ccgctccata      60
gaggttttta taggagcggg gtacagcacc cctgcggaca tctggagcac ggcgtgtatg      120
gcatttgagc tggcaacggg agattatttg tttgaaccac attctgggga agactattcc      180
agagacgaag accacatagc ccacatcata gagctgctag gcagtattcc aaggcacttt      240
gctctatctg gaaaatatct tcgggaattc ttcaatcgca gaggagaact gcgacacatc      300
accaagctga agccctggga gcctctttga tgtacttggt ggaaaagtat gggctggccc      360
catggaagat gntgcacagt tttacagatt ttcctggntc ccgatgttta ggaaatggtt      420
tccaggaaaa acggaggcct cagttnggcg aatncttttc ggcattcctt tggtttgaat      480
tntttaggca aatttttacc ccntatttgc atttttgagc taggcaaatt tttcccagtt      540
acatt                                             545

<210> 288
<211> 395
<212> DNA
<213> Homo sapiens

<400> 288
tttttttttt tactgatatc tctttaatac tttcatcatt caagtttggt cagaacatta      60
caagaggcat gaaagaaaaa ataattccat ttttaaaact ctgtccaaag tataacatat      120
gaaaccatgc cattatctct taggaaacaa aagcattcaa aattaatttg gtattaaagt      180
tcaagattca ggactaacct caaagtacgg gcattgtcag tgtttaagtg caaggaagta      240
ttttcattcc aattatttta cagagatgct gggagtgcag tgtgcaattt ggaaatattc      300
aaatccttta aggtttctgg aactaagggt tttaaatgga aaactggaaa tgctggcatg      360
gttttcagtg gggctttcca tttccccgtt tggat                                             395

<210> 289
<211> 284
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 289
taaaggagac aattggntng ggctcctact ctgagtgcaa gcnctgtgtc cacaaggcca      60
ccaacatgga gtatgctgtc aaggtcattg ataagagcaa gcaggatcct tcagaagaga      120
ttgagattct tctgcggtac ggccagcacc ccaacatcat cactctgaaa gatgtgtatg      180
atgatggcaa acacgtgtac ctggtgacag agctgatgcg ggggtgggag ctgctggaca      240
agatcctncg gcagaagttc ttctcagagn nggaggccag cttt                                             284

<210> 290
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(415)
<223> n = A,T,C or G

<400> 290

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aagtgttatt	taaagctcag	ctggagaaaag	ccggagtgga	gcatcagctc	agaagagaag	60
tagaaataca	gtcccacctt	cggcataccta	atattcttag	actgtatggt	tatttccatg	120
atgctaccag	agtctaccta	attcttgaat	atgcaccact	tggaacagtt	tatagagaac	180
ttcagaaaact	ttcaaagttt	gatgagcaga	gaactgctac	ttatataaca	gaattggcaa	240
atgccctgtc	ttactgtcat	tcgaagagag	ttattcatag	agacattaag	ccagagnaac	300
ttacttcttg	ggatcagctg	ggagagcttt	aaaattgcc	gattttgggg	tnggtcagta	360
catgcttcca	tctttcccg	gggggaccac	tctctgtggg	gcaccngggg	actac	415

<210> 291

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(405)

<223> n = A,T,C or G

<400> 291

tctctgaaag	gagaggaaat	cgcctccagg	aaccagttcc	ttaatgacgt	agataggccg	60
tctttgtgtg	tgaactccta	tacttttgac	attactggga	tgattatatt	gcttgaggat	120
tttggcttct	agtaaaaaatt	ttaatttcag	ttcctgggga	agacgttctt	gacgtgtttt	180
aacagcaaca	gcaattttat	cctttaatgt	gaccttaa	gtggncanca	aaattccctt	240
gcctcttgta	acgtggcacc	tttatgattg	agaaccatt	tcttattctc	ctaattggcc	300
atactgtgat	accatggatg	gctctttaat	tgggaacatt	ggactttttt	tttttttgg	360
caatttttaa	caattggggg	taaantccat	ataacatcaa	nttac		405

<210> 292

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 292

gattgctgac	ttcggctggt	ctgtgcatgc	gccctccctg	aggaggaaga	caatgtgtgg	60
cacctgggac	tacctgcccc	cagagatgat	tgaggggagc	atgcacaatg	agaagggtgga	120
tctgtggtgc	attggagtgc	tttgctatga	gctgctggtg	gggaaccccc	ctnttggaga	180
gtgcatcaca	caacgagacc	tatcgccgca	tcgtcaaggt	ggacctaaag	ttccccgctt	240
ctgtgcccac	gggagcccag	gacctcatct	ccaaactggc	tcaggcataa	cccctcgga	300
cggctgcccc	tggcccaggt	tntcagccca	cccttg			336

<210> 293

<211> 236

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(236)

<223> n = A,T,C or G

<400> 293

cctgaagaag	tattttgaca	tntgcaangg	tgacctcgat	cctgagantg	taaagtcant	60
cctcttccag	ctacnaaaag	ggctgngatt	ctgtcatagc	cgcaatgtgc	tacacaggga	120
cctgangccc	cagaacctgc	taataaacag	gaatggggag	ctgaaattgg	ctgatttttg	180
cctggctcga	gcctttggga	tncccgtcg	ctgttactcn	gctgngnngn	tcacac	236

<210> 294
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 294
 aaacaaagac gagcaggact aaacgaattc attcagaacc tagttaggta tccagaactt 60
 tataaccatc cagatgtcag agcattcctt caaatggaca gtccaaaaca ccagtcagat 120
 ccatctgaag atgaggatga aagaagttct cagaagctac actctacctc acagaacatc 180
 aacctgggac cgtctggaaa tcctcatgcc aaaccaactg actttgattt cttaaaagtt 240
 attggaagaa gcagcttttg caaggttctt cttgcaaaac ggaaactgga tggaaaattt 300
 tatgctgtca aagtgttaca gaaaaaaata gttctcaaca gaaaagagca aaaacatatt 360
 atggctgaac gtaatgtgct cttgaaaaat gtggaacatc cgtttttggg tggattgcat 420
 tattccttcc aaacnactgg aaagctttat tttgttctgg attttggtta tgga 474

<210> 295
 <211> 458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 295
 ngcgagatcc tccgcagctg agtaattctg aggaaaggga attctccccg agtttcatca 60
 actttgtcaa cttgtgcctt acgaaggatg aatccaaaag gccaaagtat aaagagcttc 120
 tgaaacatcc ctttattttg atgtatgaag aacgtgccgt tgaggtcgca tgctatgttt 180
 gtaaaaatcct ggatcaaatg ccagctactc ccagctctcc catgtatgtc gattgatatc 240
 gctgctacat cagactctag aaaaaagggc tgagagggaag caagacgtaa agaattttca 300
 tcccgtatca cagtgtnttt tattgctcgg cccagacacc atggtgcaat aagattgggt 360
 gttcgtgttc catcatggtc tgattataaa cttttaaac ttaagggggc aaggaggttt 420
 tanttacaat ggganccctt atttaaaaca aaaggggg 458

<210> 296
 <211> 462
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 296
 accagttaga tgatgaagag ggacttccag agaagctggt tataaaaaac cagcaatttc 60
 acaaggaacg agagcagcca cccagatttg cacagcctgg ctcccttgag tatgaatatg 120
 ccatgcgctg gaaggcactc attgagatgg agaagcagca gcaggaccaa gtggaccgca 180
 acatcaagga ggctcgtgag aagctggaga tggagatgga agctgcacgc catgagcacc 240
 aggtcatgct aatgagacag gatttgatga ggcgccaaga agaacttcgg aggatggaag 300
 agctgcacaa ccaagaggtg caaaaacgaa agcaactgga gctcaggtaa ctttttttcg 360
 aacacttttt ccctnaacaa ctctaaaagg taatgttttc actcctcttt tcctactgcc 420
 atgctacctc gtgtatttat aaatgtgttg gcaaatattt tt 462

<210> 297
 <211> 430
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(430)
 <223> n = A,T,C or G

<400> 297
 aggaagagat catgatcata agacattcca tgagtgagaa aacagggtga tacaatagaa 60
 taggtcaatt ctccatacgg accagcatca aaatccagag catttataga gcatatggta 120
 gaggaatag gcagattttc tggaacaata cagctgaagc ttgagaacat aaactgaggt 180
 gcatggtcgt tatcatccag gacactgaca aacacaactg caaaagaaaa atgtttcttt 240
 tctgcatctg aagcttggac agttaagggtg aattttgtca ttttttcata atccagaggt 300
 ttaatccaaa ttaaagnaac tccagtgttt tcttctnaag gnaaaaatgt tcccttctnc 360
 attttccaga gatgatgttg taggatgatt tctgcatgtg acccctgtt cncgggtcan 420
 tttggctgag 430

<210> 298
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 298
 acctgtccga gatgaactat gtgcaccgcg acctggctgc tcgcaacatc cttgtcaaca 60
 gcaacctggt ctgcaaagtc tcagactttg gcctctcccg cttcctggag gatgaccct 120
 ccgatcctac ctacaccagt tccctgggag ggaagatccc catccgctgg actgccccag 180
 aggccatagc tatcggaagt tcacttctgc tagtgatgtc tggagctacg gaattgtcat 240
 gtgggaggtc atgagctatg ggagagcgac cctactggga acatggagca accaggatgt 300
 tcatcaattg ccgtgggagc agggtttacc gggttgccac caccctggg attgtttccc 360
 acaggcatth gcaaccagtt tnatgtngga antgttggg 399

<210> 299
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 299
 aaatatctta ggtttcattg cttcagacat gacatcaaga cactccagta cccagctgtg 60
 gttaattaca cattatcatg aaatgggatc gttgtacgac tatcttcagc ttactactct 120
 ggatacagtt agctgccttc gaatagtgtc gtccatagct agtggctctg cacatttgca 180
 catagagata tttgggaccc aagggaaacc agccattgcc catcgagatt taaagaggca 240
 aaaatattct ggttaagaag gaatgggaca gtgttgcata gcagatttgg ggctgggcag 300
 tcatgcatth cccagaggca ccaatcagct tgatgtgggg ggaacattcc cctgttgggg 360
 cnaccaggcg ctaacntggg ncccccaagt tcttgggttg na 402

<210> 300

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<211> 492
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 300
tttttttttt caaaagtctt ggaggatgaa gaattatgac tttcaccacc actatagtgt      60
tcatataaag ttttagcagc tttcaaaatg gagttaggag aattcagacc aacaagttgg      120
cccagaacat atttcatttc ttcagtgggt cccttgcca tttggttaac tggatgagtt      180
tgaatttgaa catagggatg agccagggag ctccaggaat gggatatacct ctgttttggg      240
tcccttttta aacaacactt taacacatct tgaagatctt tctctgggaa tatcggggaa      300
atttcaattt catggattag ggatcaatta tgggcatggt aatttaggga aatctggatt      360
aattatctgg ctggaatggg gggttttccc cgtaagggtca tataggtaca aaatacatcc      420
cagggggcca aacatcantt tgggggggct tatncttgga ctagggnntc ccnttctntc      480
ggggggggag gg                                         492

<210> 301
<211> 504
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 301
agatgaacta tgtgcaccgc gacctggctg ctcgcaacat ccttgtcaac agcaacctgg      60
tctgcaaagt ctccagacttt ggcctctccc gcttcctgga ggatgacccc tccgatccta      120
cctacaccag ttccctgggc ggggaagatcc ccattccgctg gactgcccc aaggccatag      180
cctatcgga gttcacttct gctagtgatg tctggagcta cggaattgtc atgtgggagg      240
tcatgagcta tggagagcga ccctactggg acatgagcaa ccaggatgtc atcaatgccg      300
tggagcagga ttaccggctg ccaccacca tggactgtcc cacagcactg caccagtcca      360
tgntggactt gctgggtgcg ggaccggaac ctccagggcca aatttttccc agatttttaa      420
ttacctggga caagttnatc cgcaatgttg ccagcttcaa ggtcatttnc cagcgttcag      480
ttttggattt tnaacagncc ttnt                                         504

<210> 302
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 302
gtctcccat caaatggatg tccccagagt ccattaactt ccgacgcttc acgacagcca      60
gtgacgtctg gatgttcgcc gtgtgcatnt nggagatcct gagctttngg aagcagccct      120
tcttctggct ggagaacaag gatttcacgc ggggtgctgga gaaaggagac cggctgcccc      180
agnctganct ctgtccaccg gtcctttata ccctcatgac ccgctgctgg gactacgacc      240
ccagtnaccg gccccgcttt                                         260

<210> 303
<211> 176

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(176)
<223> n = A,T,C or G

<400> 303
attcggaaaca ggagcgctgc ggccccgagc gctcccgccta ccacctgcag cagaacgtgc      60
agttctccga ggacacagtg aggcgtgtaca tctgcgagat ggcaactggct ctggactacc      120
tgcgnggnca gnanatnatn cacagagatg tcaagcctga caacattctc ctggat          176

<210> 304
<211> 277
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 304
catcaagagc gactcgatcc tgctgaccga tgatggcagg gtgaagctgt cagactttgg      60
gttctncgcc caggtgagca aggaagtncc ccgaagaang tnncttgctg gcacgcccta      120
ctggatggcc ccagagctna tctnccgcct tccctacggg ccagaggtag acatctggtc      180
nctggggata atggttnattg agatggtnga cggagagccc ccctacttca acgagccacc      240
cctcaaagcc atgangatga tttcgggaca acctacn          277

<210> 305
<211> 280
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

<400> 305
ggataatgac ataacacctt atcttgctcag tagattttat cgtgctcctg aaatcattat      60
aggtaaaagc tatgactatg gtatagatat gtgggtctgta ggttgcacct tatacgaact      120
ctatactgga aaaattntat tccctggcaa aaccaatanc catatgctga agcttgcaat      180
ggatctcaaa gganagatgc caaataagat gattcgaaaa ggtgtgttca nagatcagca      240
ttttgatcaa aanctcaact tcatgtacat agaagttgat          280

<210> 306
<211> 215
<212> DNA
<213> Homo sapiens

<400> 306
gagaaaatag cacctcactt ccagaaagct ttaagacaaa agctggagtc ccaaataaac      60
caggcattcc caaattacta gaagggagta aaaattcaat acagtgggag aaagctgaag      120
ataatggatg tagaattaca tactatatcc ttgagataag ggactgaaaa cacaccgtcg      180
atgaaaacca gccactgatg aacagcctca gacct          215

<210> 307
<211> 592

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<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(592)
 <223> n = A,T,C or G

<400> 307
 ctctgctatg ggggtgatgg ccagtcctgg tgtctgagtg attcccaggg cccagcaaag 60
 ggaccaagtt tccagagccc tgaagacaag gggtaacacc ccaaaatatg gactcatttt 120
 ccactccacc ttcatgtggc gagcagctgc caagaacaaa ggccgcatct cccgatacct 180
 ggcaaacaaa tgcagtattg cctcacgaat cgattgcttc tctgaggtgc ccacgagtgt 240
 attcggggag aagcttcgag aacaagttga agagcgactg tccttctatg agactggaga 300
 gataccacga aagaatctgg atgtcatgaa ggaagcaatg gttcaggcag aggaaagcgg 360
 ctgctgagat tactaggaag ctggagaaac aggagaagaa acgcttaaag aaggaaaaga 420
 aacggctggc tgcacttgcc ctgcgctctt cagaaacagc agtagtactc cagaggagtt 480
 gttgaggaag acgagtgaag aaacccaaaa agaagaaaaa gcaaaagccc ccaagaagtt 540
 cctcaggaga attggaattg ggaagaccca tctatctctt ttccnaaac ca 592

<210> 308
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 308
 gcgacattga agagttcctc aggggaagcag cttgcatgaa ggagtttgac catccacacg 60
 tggccaaaact tgttggggta agcctccgga gcagggttaa aggccgtctc cccatcccca 120
 tggatcatctt gcccttcatg aagcatgggg acctgcatgc ctctctgctc gcctcccagg 180
 attggggaga acccctttaa cctaccctc cagaccctga tccggttcat ggtggacatt 240
 gcctgcnat cggagtacct gagctctcgg aacttcatcc accgagacct ggctgctcgg 300
 aattgcaatg ctggcaagag gacatgacag tgtgtgtggc tgacttcgga ctctcccga 360
 agatctacag tggggactac tatcgtcaag gctgtgcttc caaactgcct gtcaagtggc 420
 tggcctggag agcctggccg acaacctgta tactgtgcag agtga 465

<210> 309
 <211> 467
 <212> DNA
 <213> Homo sapiens

<400> 309
 cttaatttta attttttttaa ggtgagaggt ggatcatcta ttatgatttc acgttggttag 60
 aaagaaaaat aataataaat gcaactccca gcagagccca ttcttcccc tctcctccag 120
 cagatgctgt ttttctttcc agtcaactgtt gttctaaaagt ctcatcggaa cctccaccaa 180
 gaagacgtgg cgattcatct tcttgttttc ctttctcggc ttggctcaga gcaggccaga 240
 gcagcctgac agaggggcca caaggctcgg tgaacccctg cccctcccag caacttggtc 300
 gggaggcaga ccgattcttc tcctctcctc gatgtccctc acaggggagg ggagggagct 360
 ggggctgggg gttgctaatt gagttactgg ccctggctct aggacagggc tggggatgct 420
 gtgtcaggga tcacagagtg atgctaattg caggagtagg ggagaga 467

<210> 310
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 310
aattccgttg ctgtcgcacg aggccaccag ggtgactgcg ggattccgat ctgcgccgga 60
gctgcgatgc tagagcactc ttgccacccc caccacacgg acgtgttgca gtgatatacag 120
aattttgcgt gcggtttacc cgtgtttaac ctctttgcgt ctgcgttctg aatcgtatcc 180
acttgagcat cactagactg atctatttta aactgtgtgg ggggcagcga ggatggacag 240
attcctggtg aaaggggctc aagggggcct tttgaggaag caggaggagc aagagccaac 300

<210> 311
<211> 528
<212> DNA
<213> Homo sapiens

<400> 311
ggcacgaggc tattttaaca ctggtggggg gcagcgagga tggacagatt cctggtgaaa 60
ggggctcaag ggggcctttt gaggaagcag gaggagcaag agccaactgg agaagagcca 120
gctgtgttgg gaggagacaa agaaagcaca aggaagaggc ccaggagaga ggccccaggg 180
aatggaggcc actcagcagg ccctagctgg cggcacattc gggctgaggg cctggactgc 240
agttacacag tcctgtttgg caaagctgag gcagatgaga ttttccaaga gttggagaaa 300
gaagtagaat attttacagg agcactggcc agagtccagg tattcgggaa gtggcacagt 360
gtgcccagga agcaggcaac gtatggcgac gctgggctga cctacacatt ttcaggcctc 420
acgctgtctc caaagccctg gatcccagtt ctagagcgca tccgggatca cgtctctggg 480
gtgactggac agaccttcaa ctttgtgctc atcaacaggt ataaagat 528

<210> 312
<211> 854
<212> DNA
<213> Homo sapiens

<400> 312
gggattccga tctgcgccgg agctgcgatg ctagagcact cttgccaccc ccaccccacg 60
gacgtgttgc agtgatatca gaattttgcg tgcggtttac ccgtgtttaa cctctttgcg 120
tctcgcttct gaatcgtatc cacttgagca tcactagact gatctatttt aacactgggtg 180
gggggcagcg aggacatggt tttaaacttt aaaatgaaaa tgtgaaacta ggaatgttgc 240
tgtgagaccc cttggacaaa cagatttttg cactggggat agaacttgag caatttctgt 300
cttggcctcg ccactgacgt cccttctttc ctgtggggac aggatggaca gattcctggt 360
gaaaggggct caagggggcc ttttgaggaa gcaggaggag caagagccaa ctggagaaga 420
gccagctgtg ttgggaggag acaaagaaag cacaaggaaag agggccagga gagaggcccc 480
agggaatgga ggccactcag caggccctag ctggcggcag tcgggctgag ggcctggact 540
gcagttacac agtcctgttt ggcaaagctg aggcagatga gattttccaa gaagtcggcg 600
aaacgaagta gaatatatta caggagcact ggccagagtc caggtattcg ggaagtggca 660
cagtgtgccc aggaagcagg caccgtatgg cggacgctgg gctgacctac acattttcag 720
gcctcacgct gtctcccaag gcctggatcc cagttctaga gcgcctccgg gttcccgtct 780
ctggggtgac tgggcgactt tcatttgtgc tcctcccgtt tttcggctgg gtgtggcccc 840
tctcggggcc ccgt 854

<210> 313
<211> 499
<212> DNA
<213> Homo sapiens

<400> 313
gggtgactgc gggattccga tctgcgccgg agctgcgatg ctagagcact cttgccaccc 60
ccaccccacg gacgtgttgc agtgatatca gaattttgcg tgcggtttac ccgtgtttaa 120
cctctttgcg tctcgcttct gaatcgtatc cacttgagca tcactagact gatctatttt 180
aacactgggtg gggggcagcg aggacatggt tttaaacttt aaaatgaaaa tgtgaaacta 240
ggaatgttgc tgtgagaccc cttggacaaa cagatttttg cactggggat agaacttgag 300
caatttctgt cttggcctcg ccactgacgt cccttctttc ctgtggggac aggatggaca 360
gattcctggt gaaaggggct caagggggcc ttttgaggaa gcaggaggag caagagccaa 420
ctggagaaga gccagctgtg ttgggaggag acaaagaaag cacaaggaaag agggccagga 480
gagaggcccc agggaaatgg 499

<210> 314
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 314
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 acgtgttgca gtgatatcag aattttgcgt gcggtttacc cgtgtttaac ctctttgcgt 120
 ctcgcttctg aatcgtatcc acttgagcat cactagactg atctatttta aacttggtgg 180
 ggggcagcga ggacatggtt ttaaaacttta aaatgaaaat gtgaaactag gaatgttgct 240
 gtgagaccn ctggacaaac agatttttgc actggggata gaacttgagc aatttctgtc 300
 ttggcctcgc cactgacgtc cttcttttcc tgtggggaca ggatggacag attcctggtg 360
 aaaggggctc aagggggcct tttgaggaag caggaggagc aagagccaac tggagaagag 420
 ccagctgtgt tgggaggaga caaagaaagc acaaggaaga ggcccaggag agaggcccca 480
 ggaatggagg ccactcagca ggccctagct ggcggcattc gggctgaggg cctggactgc 540
 agttacacag tcctgttttg caaagctgag gcagatgaga ttttccaaga gtcggcgaca 600
 cgaagtcgaa tattctacag gggcactggc agagtccggt atcggggagt ggccgtgtgg 660
 ccggagcgca cgttgggacg ctggtggcta acctttcggg cccggggcca ggccggtccc 720
 gttagggccg gccgccggg gg 742

<210> 315
 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(429)
 <223> n = A,T,C or G

<400> 315
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 ccgtgtttta cctctttgcg tctcnccttct gaatcgtatc cacttgagca tcaactagact 180
 cgatctatct taacactggt ggggggcagc gaggacatgg ttttaaactt taaaatgaaa 240
 atgtgaaact aggaatgttg ctgtgagacc ccttggaaca acagattttt gactggggga 300
 tagaacttga ngcaatttct gtcttggcct cgcactngac gtcccttctt tcctgtgggg 360
 acaggatgga cagattcctg gtgaaagggg ctcaaggggg cctttttgagg aagcaggagg 420
 agcaagaag 429

<210> 316
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 316
 gcgaggccac cagggtgact gcgggattcc gatctgcgcc ggagctgcga tgctagagca 60
 ctcttgccac cccaccccca cggacgtgtt gcagtgatat cagaattttg cgtgcggttt 120
 acccgtgttt aacctctttg cgtctcgctt ctgaatcgta tccacttgag catcactaga 180
 ctgatctatt ttaacactgg tggggggcag cgaggatgga cagattcctg gtgaaagggg 240
 ctcaaggggg cctttttgagg aagcaggagg agcaagagcc aactggagaa gagccagctg 300
 tgttgggagg agacaaagaa agcacaagga agaggccc 338

<210> 317

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 317
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 tctgcgccgg agctgcgatg ctagagcact cttgccaccc ccaccccacg gacgtgttgc 120
 agtgatatca gaattttgcg tgcggtttac ccgtgtttta cctctttgcg tctcgcttct 180
 gaatcgtatc cacttgagca tcactagact gatctatttt aacactgggtg gggggcagcg 240
 aggatggaca gattcctggt gaaaggggct caagggggcc ttttgaggaa gcaggaggag 300

<210> 318
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 318
 gaacttgagc aatttctgtc ttggcctcgc cactgacgtc ctttctttcc tgtggggaca 60
 ggatggacag attcctggtg aaaggggctc aagggggcct tttgaggaag caggaggagc 120
 aagagccaac tggagaagag ccagctgtgt tgggaggaga caaagaaagc acaaggaaga 180
 ggcccaggag agaggcccca gggaatggag gccactcagc aggccctagc tggcggcaca 240
 ttccgggtga gggcctggac tgcagttaca cagtccgtgt tggcaaagct gaggcagatg 300
 agattttcca agagttaggag aaagaagtag aatattttac aggagcactg gccagagtcc 360
 aggtattcgg gaagtggcac agtgtgcccc ggaagcaggc aacgtat 407

<210> 319
 <211> 859
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(859)
 <223> n = A,T,C or G

<400> 319
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 accccacggn acgtgttgca gtgatatcag aattttgctg gcggtttacc cgtgtttaac 180
 ctctttgctg ctgcgttctg aatcgtatcc acttgagcat cactagactg atctatttta 240
 aactgggtgg ggggcagcga ggacatggtt ttaaaacttta aaatgaaaat gtgaaactag 300
 gaatgttgct gtgagacccc ttggacaaaac agatttttgc actggggata gaacttgagc 360
 catttctgtc ttggcctcgc cactgacgtc ctttctttcc tgtggggaca ggatggacag 420
 attcctggtg aaaggggctc tagggggcct tttgaggaag caggaggagc aagagccaac 480
 tggagaagag ccagctgtgt tgggaggaga caaagaaagc acaaggaaga ggcccaggag 540
 agaggcccca gggaatggag gccactcagc aggccctagc tggcggcaca ttccgggtga 600
 gggcctggac tgcagttaca cagtccgtgt tggcaaagct gaggcagatg agattttcaa 660
 gaggttggaga aagaagtaga tattttacag gagcactggc caagtccagt attcnggaag 720
 tggcacagtg tgccaggagc agcacgtatg gcgacgctgg ctgactacac atttttngcc 780
 tcacgtgct ccaagcctgg atccagtcta nacctccgga tacntttngg ggactgacga 840
 ctnacttggc tatacagtt 859

<210> 320
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)

<223> n = A,T,C or G

<400> 320

tccggccttn	acggccgggg	tncgctgggg	cgcgctctttc	ccaccacgag	ccaccagggt	60
gactgcggga	ttccgatctg	cgccggagct	gcgatgctag	agcactcttg	ccacccccac	120
cccacggacg	tggtgcagtg	atatcagaat	tttgcgtgcg	gtttacccgt	gtttaacctc	180
tttgcgtctc	gcttctgaat	cgtatccact	tgagcatcac	tagactgatc	tattttaaca	240
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ttctgtcttg	gcctcgccac	tgacgtccct	tctttcctgt	ggggacagga	tggacagatt	420
cctggtgaaa	ggggctcaag	ggggcctttt	gaggaagcag	gaggagcaag	agccaactgg	480
agaagagcca	gctgtgttgg	gaggagacaa	agaaagcaca	aggaagaggc	ccaggagaga	540
ggccccaggg	aatggaggcc	actcagcagg	ccctagctgg	cggcacattc	gggctgaggg	600
cctggactgc	agttacacag	tcctgttttg	caaagctgag	gcagatgaga	ttttccaaga	660
gttgagaaaa	gaagtagaat	attttacagg	agcactggcc	agagtccagg	tattcgggaa	720
gtggcacagt	gtgcccagga	agcaggcaac	gtatggcgac	gctgggctga	cctacacatt	780
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<210> 321

<211> 1247

<212> DNA

<213> Homo sapiens

<400> 321

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gacgtgttgc	agtgatata	gaattttg	tgccgtttac	ccgtgtttta	cctctttg	180
tctcgcttct	gaatcgatat	cacttgagca	tactagact	gatctatttt	aacactgggtg	240
gggggcagcg	aggacatggt	tttaaaactt	aaaatgaaaa	tgtgaaacta	ggaatgttgc	300
tgtgagaccc	cttggaacaa	cagatttttg	cactggggat	agaacttgag	caatttctgt	360
cttggcctcg	ccactgacgt	cccttctttc	ctgtggggac	aggatggaca	gattcctggt	420
gaaaggggct	caagggggcc	ttttgaggaa	gcaggaggag	caagagccaa	ctggagaaga	480
gccagctgtg	ttgggaggag	acaaagaaa	cacaaggaa	aggcccagga	gagaggcccc	540
aggggaatgga	ggccactcag	caggccctag	ctggcggcac	attcgggctg	agggcctgga	600
ctgcagttac	acagtcctgt	ttggcaaaag	tgaggcagat	gagattttcc	aagagttgga	660
gaaagaagta	gaatatatta	caggagcact	ggccagagtc	caggatattcg	ggaagtggca	720
cagtgtgccc	aggaagcagg	caacgtatgg	cgacgctggg	ctgacctaca	cattttcagg	780
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acagttaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaa		1247